

SEQUENCE LISTING

<110> Munger, William E.

<120> Identifying Drugs for and Diagnosis of Benign Prostatic Hyperplasia
Using Gene Expression Profiles

<130> 44921-5029-01US

<140> Current Application #
<141> Application Date

<150> 60/223,323
<151> 2000-08-07

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<151> 2001-06-05

<160> 1124

<170> PatentIn Ver. 2.1

<210> 1
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<212> DNA
<213> Homo sapiens

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 attagaagag agaaatcctg gcagtcctgc tagagggtta aacatttcat gcatttgtga 240
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<220>
 <221> unsure
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 cactatacat tgcttgggct tccttaacca aatctgagta actactggta ataataatgc 420
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 ttataagtcc atgtattaga cggccctcca tggcccagaa gtcttccttg ctgaagggtcg 180
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<220>
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 cttgggacct cttnttgacc ccaggaagag attagaagcc ctt 163

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 <211> 127
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 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA017547

<400> 9
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 tgcaggc 127

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<211> 430
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 <223> Genbank Accession No. AA018414

<220>
 <221> unsure
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 ggtataagat agatcncctt ccatagccac agagtatcca gttattaata caaacaatg 180
 agaagaggaa ggggagagca agtctttctt tgtttttaga gcacaatcca gaagttgaat 240
 tcctatctta gtcacattaa attggctaga gtatcggtac gtagtcagac ctagagttgc 300
 aaaggagact gaaaaaatgc agtttaaatct gaacagccat gtgtccagggt aaaaattctg 360
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 agtactacct 430

<210> 11
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 gttcatttta ttattttgct gatttttttt ttgcatgtga ttttaaattt tatttcaaca 180
 tagaagtaac catatc 196

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<220>
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 tgaccactcc ataggcagag aaacgtcact ttaagggtttt gacatcaatt gattttttgtc 180
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 gtcttactat gttgctcaga ctgggnntca aactcctagg ctcaagcaat cttccagcct 420
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 tt 482

<210> 13
 <211> 373

<212> DNA
<213> Homo sapiens

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<223> Genbank Accession No. AA022615

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ggagagtaat acaaaaaaat aaggaataaa agctaaagat ctaactactc cgaccttcac 180
aattccagct acttgataat aataggagta acccaatgaa tactgtatgg tctgaaagct 240
actatacaat atgattctta acgagaaggg aagggaatta gagactgtca caaagccctg 300
ggatgcttct ctggagttag cagggaaaca ggaccctggg caagcagctc ggggtgtccta 360
ggaagtgtatt ctg 373

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<220>
<221> unsure
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tttctggggc agactttttc cggggccgat ctttggggaa ggacagaaat tctgggtgcgt 180
ctgtggagag aggggtggat ggagcactag aaggcgcact gcggacngaa aaaaggcccc 240
ccccg 245

<210> 15
<211> 337
<212> DNA
<213> Homo sapiens

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tttaagagtc catcaaagtg tcatatgtgt taggtgtgaa atggcgacac tgggaattac 180
tggttaataag ggggtggctgc agcacgggtga ttgttatgag aacatcccca ccgccccact 240
tttgtttgaa gacttttcgta ctgaactaca tgttgtttac tttcaacaac gtatacacta 300
cagttgacaa aagttaattct cgggtgataag aatatgc 337

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gggtggaaag gacctggacc acacagagca ggactccaga gcctcctcca tatggcagga 180
atcaagcttt cacaggggaa acgcaggatt tcccacacat gcccatgcaa cacttcaagt 240
cacgcttgca ctggccatcc atctcacaga aattgggggg gttnagcatc naacattggc 300
canaantcac tnggnacttn ccaagggttn cnccttggtg ggnttngggg ggtnnacagg 360
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<211> 471

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA028092

<400> 17

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attacatatt gcacttggac cagcaaggct tgcagagtca ttcacggtag aagttaataa 240
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aagcagagac agagagcact gagggcagg gtcgccttcc cggggcccgc tccccccggg 420
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<221> unsure

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atatcaagat ttcatatgaa ttatagtata atccagaagt atgaaaaaat acatcatatt 180
taacttataa agcattcatc tgcattgtat aagatattac agtaaatata attaggtact 240
taccatttta tctttacttt aaaaacaatg cctnttccaa aatataaaaa aaagacctat 300
ttttaagan ctattttaag atngcttttg aaaacaacac ttttatntta cnacaaatag 360
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gg 422
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<211> 253

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA029597

<400> 19

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aataaatagt cttaaataag aaaacaaaca ggttgaagga aagcaagctc atcgtcctga 180
acgaggggatt aaaggggggg ggtgttcaaa agagctttgg atggaaataa ataattctct 240
tgctttgtaa cac 253

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ggtnc 186

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tgtgtcctgt agctttttaa aaggaaaccc agtcatccca ctatgaatct ggcattctct 180
tatgtttcta gtgttttggc canaca 206

<210> 22
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA037828

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<223> Genbank Accession No. AA039935

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aaccacagcag agagcagtac aantcagcat gcggtcccng atagctgaag tctcggggcng 180
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a 421

<210> 25
<211> 486
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA040731

<220>
<221> unsure
<222> (1)..(486)
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gatttaaaaa ttttttttca tgaacaaacc atcagtagtt attaaggagc ccaagaaata 180
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cattatcagg tagaggaaga aaggtaggct gggaagtagg tccttatgat atcttgacta 300
tggatcccag atttacattt cacctngtca cagagcacac ataatttaag ataaacatgt 360
caagaatgac ataaaccaga ggtaaacacc aaggagcttt acatttggaa ccngaaaata 420
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cccngg 486

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 <211> 467
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 <213> Homo sapiens

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 <223> n = a or c or g or t

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aacacactgg cccagcgact ggtacttgag agcaaattgg actccctttc tggagggtgt 420
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 <213> Homo sapiens

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 <223> Genbank Accession No. AA043349

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<400> 27
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ttcatccgtt caatacacat ttcaagaaag ctgtattgna ccccttnnag tnggtaagtt 180
ccagggccaa agaaccacaaa taaatccaag gagagagacc aacaaatgta tatttataac 240
acagagtaat aaaacacaaa taaatgtgga gttattttaag catgtaagat ggtacatgct 300
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<210> 29

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA044219

<220>

<221> unsure

<222> (1)..(382)

<223> n = a or c or g or t

<400> 29

```
ttgcggggaa tcaggtaggg gcctttattg gccagcacac atctacctcc tggcatctgt 60
cacaagcatt tgcaggagta ggcggccctt tcctctccat gtccccatcc ccaacctgag 120
atgcggggagg gcctggggggc tcagagggaa gaactgaggc aagaagcccc ggtgatccag 180
tcagaggatt gggcagcctg acctcggggt ggggagccag cactngacaa caaggaggga 240
ggggcacagg agggctcccc gaggtttggt ccgggagggg gaggaaaact gccccctgcn 300
ctgtcaatct ctgcaatgtg ccgagcccca gctccttgan tccctcagtg cctttggggc 360
tggatgctca ganagcagtt ga 382
```

<210> 30

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA045481

<220>

<221> unsure

<222> (1)..(428)

<223> n = a or c or g or t

<400> 30

```
tttttttcag taatacagat gtctatttta ttaaaaaagt tacaaacagg tggactgcag 60
ggtcgtctta caaaatgaca agaatgaaat ctattggaaa aattttactt ttacaaatct 120
ttataggttaa ttgttcaatg tttgtacttg ttatttgaga ttttaccttt cactgataaa 180
gttacagtac attagatcca tgataatagg ttacattatt ttatttgcag agccctactg 240
cagtgatattg aacaactcct aaatagatgc cataataaag acaagacata tattgcattt 300
aatattaatt tattatccta ataagcaaca tgcaatctat tgaggaagct aaaataactt 360
ttgggtccctt ttcttaaaat gtgctggaga aaccaccctt aaaatcactt tcccccgat 420
tccngcga 428
```

<210> 31

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA045487

<400> 31
 ggaaagcatt ttcaaacttt atttacaact gtcacagtga caaaaagtag tttggaaaaa 60
 aaaaaatgct agtttctccc tgagcctcaa aaaagaacag atagaagtta caggagggttc 120
 atctcacaac aggcattttt actgaaatac taggaatttt ttcaatacaa tcagttagaa 180
 atacacacaa attacttgaa aaaaaaaaaa agaggaggcc agataggagc tcagccactt 240
 gtccaagagc agctgggtcc ccccagcagg ctccaccgct gagggtcctg acattagctg 300
 tcagcccctg gcctgctcag actggcaa 328

<210> 32
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA045503

<400> 32
 ctgtgagact gtccttttatt gtgtatacag gttccagcgt cagggtctctc ccacggcccc 60
 ctccccagtc ctcccccaag ggcccagagt ggtgggagtg agaggccacc ctaaggcaca 120
 ctgaccagag aggcattggag ggaggaggct gacttgccct ggggaccctt gctaactgag 180
 acccaccctt cccctccacc ctgcttctgt atgtgggaga cgaaaccaag agtcactggg 240
 ggcagcaggc atttcccagg gttaaggctg atggaaggct cctatcccag atgggagatg 300
 ggggcttttc ctatgactcc ccccatcccc cagctggaag acgtggggag ggggtgcatag 360
 ccttagagag gtagaatgag gggaaatact cctcagtgcc ca 402

<210> 33
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA045825

<220>
 <221> unsure
 <222> (1)..(437)
 <223> n = a or c or g or t

<400> 33
 cagtgtagac cgtcttttatt ggcagggtgtt aagagtgcaa aatatcaaca aaccagggg 60
 aatacgcaag ggggtgggag tatggctccc ctaccccatg tgagagccct gtaaccaagc 120
 cagtggggtg ggaacgttga cttgactgtg gcaaattcag gctcagcacc ttccaaagaa 180
 caagctccca ggcaggaggg ctcccttgcaa cacaaggggg aaaggagtgg caccctggaa 240
 gggcctgggc tgcgaccac cctgggctgc ttggctcctg tatactgccc acctcaacc 300
 ctcaagagga aggccttcaca gctgggggta tgtagttcag agaaccggg ctaaaccag 360
 cctcccca aaccagggtta tctgcctcgg gcctcagttt cctcctccc agtgattacc 420
 caagttgggc ccatcag 437

<210> 34
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA045870

<220>
 <221> unsure
 <222> (1)..(397)
 <223> n = a or c or g or t

<400> 34
 gtttagagtc taaaactaaa acctaatacat ttngtcacag tgtaaaaaca aatggaaata 60
 acagctcaaa tcttcaaaat attactatag cattatgttt aaaataatct acaacaaaaa 120
 tgtaccattt tcaagcagta ctacattagg agccctttta tagaaaataa tttcttcttt 180
 acccccgttc cagtgtgaat ctagtattct gttaacattt gtgtggcatt tggagtttgt 240
 catccccatt gaagggagag ccttctcaga catgaagcaa gggaaacata ctgaatagtt 300
 ttacacaaat ttgatctggc ttccatttgn cccctcatt tcccaaattgt ttaaantgta 360
 ttnggatttg ggattctcaa atggtataag ttggcct 397

<210> 35
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA046426

<220>
 <221> unsure
 <222> (1)..(564)
 <223> n = a or c or g or t

<400> 35
 tttttntttt tttcacttta tcatttactt tttattgtgt tgcttgaagt acctatgtaa 60
 tgcaagtatg tactgtacta aaatacctat atttccaaat aacatatgtg gtgtagccca 120
 cagtctctgc agaagcatca tgagtaacct gtgcctttac actttacaat ccgttattgg 180
 ttgctgttaa aagtatgata acagatgaag aaaaaaaaaac taagtatgaa tacacttttc 240
 caaacacgca catacacagc ttacaatgga atcccaatgg aaataagtga caacatctga 300
 tgtagaatct ataaaatgta gactctgcaa taaaaagcca aaggacgtaa aaatatattt 360
 taactttaaa aataacttag ttacagtaat actttgcttg tgtcttacca acatgtagct 420
 gacagtcaaa attttgcaat atagatataa tatataggga tatataagaa ctacaagaaa 480
 atccccaaaa ccataaaagt tcaaatgtga aacagaaaag tttaacctgg agattcgcta 540
 tgggtgancta gccatatttg gaag 564

<210> 36
 <211> 560
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA046840

<220>
 <221> unsure
 <222> (1)..(560)
 <223> n = a or c or g or t

<400> 36
 tacaaatact gtaaaaatta atataaaaaa gtgagcatgc tcagtctttt cctcttatct 60
 acaatacaaa gggtttgtct gaaaagtctg gttttttttc tttttacaaa tgtaccttag 120
 ctgcatcaac aggagtaaga tgtagaaaaa gctaccatta caaaaataat ttaagggaaa 180
 ataaacacgt ttagcttctc tcgcagttta gtggtggtaa gtccaggctg tagcttcttt 240
 gcgctcctat gtcccaagaa actgcagcgg gcacccggcg gctctggctg cgcagggcag 300
 ggcgcgctcc gctccgggcc gtcgggtctg aggtatgggt cgttgctgag tctctccgc 360
 cccggccgcg cgttaccggc agtctgctgt cccggcggcc ggcagaaggg cgggctgggc 420
 agctgcttga agaactgccg gagggccagg tcccgcgta ntgctccacg cgctggtgca 480
 gttctcgttt cagcgacagc tcacaacttt gtgcantcct ggttgcgccg cttggcttgt 540
 ggggtttgcn acgggatgtt 560

<210> 37
 <211> 464
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA047151

<220>

<221> unsure

<222> (1)..(464)

<223> n = a or c or g or t

<400> 37

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agaaaaacca ccacgtgtgc acgtcgacga tgccaaatta tgtttagcgtg acaganaaca 60
ccgtggggga ggaaggcagc agctgaagaa aaaagctcaa atgatctagt cactttcgat 120
actgtacttc agatgcgaaa tggatattcn gagtggaac ctgacaaagt gcgcctgctt 180
tgatgtgaac tggatatagac aatgaccagt ggctgggtca gtgggatgtc tctctgtgag 240
cacaaaggct tatcaaatga cactaaagat aagttcaaca accatcacat tggaaggag 300
aaaggccgaa catttcatgt ttggccgggc atgtgagtgc acaagatgga aagagcgatt 360
ggagcatcct ggtataatta cccccattgt gctcttaatg gaaatttcaa aggacgggag 420
tattctgttg gttggtgtcc aggtttgtgg cactgttcca agag 464

```

<210> 38

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA047880

<400> 38

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tacagagaat ataaaaatac attcacttta ttttagaaaa atgaagactc atagagtaag 60
cttatcacia actggcctat taggagtcac agaattcaca ggaaacaatt tctgaagacc 120
aggtgcctgc tgccacctct ccaagcaggc cagagtcacg tagagaatgc gattcaggaa 180
gatggctcct cagagggcag ggaggttagc tacggaggcc gctcacgtgg aaatgtccag 240
tgaaccaatg ccaaggaaga agataaaatt ctctggggct gaccacaaca gtgggggtgg 300
ataaagacaa accacttgcc tgtacttctc atcttctatt tgttcatttc actgctggaa 360
ggtgacctct tttcccctaa tcttctttca acccagagag ttttaagtctt ctc 413

```

<210> 39

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA053267

<400> 39

```

ttttttttct cactgcaaaa caacttttta tttaaaaggc caataatgag aataatgagt 60
tgcacaagaa tgaaaacctt atcccttcca aaagatcggc ctatacatta tgtataaagt 120
tagaataatt ctaaatacaa aatgccaaag accagcgggt ccactccttc ctctcctaag 180
ccatcttgac agtttcacat ttcagcttcc agacgtcatt tctggtgctt ttaagggtgc 240
ttaccagacc gtggtctgta ccagacaggg tagttggcac agcgtaggca ctgccagcag 300
gcccttggga gcttgg 316

```

<210> 40

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA053424

<220>

<221> unsure
 <222> (1)..(431)
 <223> n = a or c or g or t

<400> 40
 tttgagcttt cagatttgct tttatttggt gggaaattcc agagtgggga gccacccagg 60
 aggagacagg ggtgccgagg cttctgggag tctggaagct cccggatgga gaggcttaca 120
 gccccagcct tccccagcag gagcacaggc aggggactgg ccaagtctgt cagctcagag 180
 caggaccggc ttcagggcct gacttcgggc tcctcttgac ccgccccgga ggcttgtggg 240
 gggctctgtg tttgcagctc tcctgaacag agctagatga ggggtgggagg cccccgttgg 300
 ctcacacagt ggatgctacc atctccggcc tcttggaatgt ggagctctgt gccagagtca 360
 acagtctcca ggggtgggccc gaagttgttg taggcgntct caaggccgaa atctgctctt 420
 cctcagattc t 431

<210> 41
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA053883

<400> 41
 ttttttcaga gattatgaaa attttattaa taaagaaaat ctgcattaca catatcccct 60
 ttaaaaacaa ccacctcaaa catgtagaaa tgctttatgt tgtatttgct atttgatcaa 120
 tgccagaaaa atgaaaccac aacaccaaag tacagaccag tatttttgaa ggggataata 180
 atcatttgag ataataaact actagaaaat cagaagaaat gattcaagggt attcatttca 240
 aaggctaaac cactaattct tcatccaaac gaatgtttcc actgtgagtc aata 294

<210> 42
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA054222

<220>
 <221> unsure
 <222> (1)..(426)
 <223> n = a or c or g or t

<400> 42
 aaacattggt tactttatat atgactttct tctggtagtg gcaaactaaa ctttttaggt 60
 taatctcctg ctaagaaaca taaaaactca acatatgcta gaaggcactg aagagctaac 120
 aagatagatt aaggagacac tagtccagca tttagtgtgt atctaaatgt cagaagtggc 180
 tgtgactcta aacagagctt ttgacatgct acagcagagg acggcaaact atagcccgtg 240
 tggcaaactct agccttgac atatttttgta aatacagggt cactggaata catttatctc 300
 attaatttat tgtttattgc tgcttttgca gaacaatngg cagagttgat tgttgagaca 360
 gagattgggc ctacaaagac taaaatattt attctctagt cctttacaga aaaagtctgc 420
 catcac 426

<210> 43
 <211> 251
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA055081

<400> 43
 ctattatgat atgtttatgt aaagttcaaa aactggccga actaaaatct acttgatttg 60

```

gaacacacct gaatgtgatg aaagtataca gaaaagcaag aaagttatatt aaataaaaagt 120
caagatgggtg gttacctctt aggtgggggc tataatgaga aaggaaggac aagatagaga 180
aggttctttac tgtcagtgtt ccattttcttg atttggtgga tacaagtgtg tttataatta 240
ttcttttaaac c 251

```

```

<210> 44
<211> 451
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA055163

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```

<400> 44
tttttcaaaa tatgagttta atgacagaat tagttagcta gtattccaca aaaagtattg 60
ctctatttttc aaaaaatttg cacagtgtct tacacatgtg ctaaaagatt gagaaaataa 120
attagaaaat tatactgcac acttaacact aaatctacca agcacaatgt aactttttaga 180
cagctcagaa ggcacttttg gatttttttt tttttcagtg cctcagggat cagtatgaac 240
tccaattatt gttgccctgg ccaattgtgg gagtactgat aactggagag ttaattgact 300
gctggataaa gcaatcttta atctaaatgg ggaaggctca ctagcagcta cagaggaagg 360
gggtattcag atcccagctt aaggctagga agccagctga cccaatcaga gacatgaacc 420
catcagaaaa atgtaaaagt tttcatcttt c 451

```

```

<210> 45
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA055768

```

```

<400> 45
tttttttttt tctgttcaaa aaagggtttta tccaaaaaag ttaatcaaga caagcaacag 60
atactgcaaa gcattatata cagcaccata gtccaggggc caaagaaatc aggaggggct 120
gggcagtaga ggaattccat atattaatga atgtgagatt aagtatagag tgaagacatt 180
aacacacaat ttctaatttc tgtaggcag aatgctcccc taccctgatg ccacagcctt 240
tcacgtttcc taaaccctag taacctctga tctccatctg cctcatcaac acgtcaccac 300
cctttgctct tcttccaatt tagtcacatg ttgggctgaa tttatttcca ctcc 354

```

```

<210> 46
<211> 610
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA056121

```

```

<220>
<221> unsure
<222> (1)..(610)
<223> n = a or c or g or t

```

```

<400> 46
ctccccctcc ctgctccaag ccggagggtt cctgagggtga cagcgcctgc aactgaaatt 60
tcagcagcgg gagaagatgg acaagagaaa gctcgggcga cggccatctt catccgataa 120
gaaagatgtt aaatgcaaaa ccagaggatg tccatgttca atcaccactg tccaaattca 180
gaagctcaga acgctggact ctccctttgc agtgggaaag aagcctaagg aataaagtca 240
tctctctaga ccataaaaaat aaaaaacata tccgagggtg tctgtgtact tccaagtcatt 300
caccagaaag gcaactcaaa gttatgttga cgaatgtcct atggacggat ttaggacgaa 360
aattcagaaa gaccctacct agaaacgatg ctaatttatg tgatgccaac aaggtgcaat 420
cagactcatt gccttcgaca tctgttgaca gcctagagac atgtcaaaaa ttagaacctc 480
ttcgccaaag ccttaattta tctgaaagga tnccagagtt atattgacga atgtctggga 540

```

acgggtagg aagaaatcct aaggncacc ctgtactgag ggaattggtg ttcagcaant 600
gcatcaggga 610

<210> 47
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA057195

<220>
<221> unsure
<222> (1)..(404)
<223> n = a or c or g or t

<400> 47
agaaaaacca agtgtcttta ttcctcgatc gtttagtatg gcggtgggag gcgcgcgcgg 60
gggagcctgg agcccaggga atcgacctgg agggccagtn gngggancgg aggggtgcgag 120
gntcggctcc tccgcagccg gccctggagg gggtcttggg ggatcgcgcc aggccaaaag 180
tctgcatggg cggccccgag cctccctgag ccggcgcgcc ccgggnttng ggagaggccn 240
ctctgnnccg ggtgccgntg cgggccccgg tgcggcgctc gcccaagggc taagggtgcc 300
cgtctcaggc gagaccccag gagcccgcgg cccccgctgt ctcttcagcc gacgtagaca 360
cgtngggccg ggaaccccag tcttaacgcg tgttcaagct ctgg 404

<210> 48
<211> 491
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA057829

<220>
<221> unsure
<222> (1)..(491)
<223> n = a or c or g or t

<400> 48
cacggccagc ctctcctgca gctgcgcgtn gctcacctcg ctctggcccc tgggtgccgctc 60
cacctccagg gtggcctcac cgtccctcag cgagacgggt accacgtgct cttggccgctc 120
gcagacttga tctccattag ggccaaggcg tatgctccac ggccaggacc accagctgct 180
tcttgagtgt ctctcgtggg tgatagtcta ccagtgccac agagagaggc acggcacgga 240
ggtcgggggg ccagangcgc aaacaagcac gcctgtgtct gcggctgggc ggattgtgaa 300
gccacgactt ctacttccca gggttgattca gtcccagcgt ccagaagggg tccgcatgta 360
gtccaggctg tagaaggcga agcttncccc ggggttagaa agaagcctct ctccgtcacc 420
gagaagcact gcacccctgt gtttatttca ccgttttctt ggatgggtgg gtcttctccg 480
ttcagccagt t 491

<210> 49
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA065173

<220>
<221> unsure
<222> (1)..(333)
<223> n = a or c or g or t

<400> 49
 ntttttcatg aagaccagtt tattttacat gcttgctttc acattcttta ctgggaattt 60
 aaggcctttt ttcagcctta acttgtatac caacctcaag gattttgttt gatacagaaa 120
 aggatagggc tgggccttct gcccaaggact gataacctgc ctgccaaaag gaagagggaa 180
 tgaaagcctt ttgtccttct aggcccctta cagtacctca aaatctaaag gccttaaagg 240
 ggaaaaaac cgtatctgtt ctttctcctt atctcctacc cttctcttta agcatattga 300
 agatggactt ttttccaaat gtttatttgt agg 333

<210> 50
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA069913

<400> 50
 ttttcatgtc agttattatt actttattac attttgggtc tcttactact ttcaatacag 60
 tacattgtct tttgaatgtt acataataca aaagggtattg gacgggtttta aaaataaact 120
 ttaactaccc attgatacat acttgatgac acaagttctt ccatatacaa tgcaaagcat 180
 acaaaaaata cattaggaat tctactttgt acagtcgttc attaaatagt atttacacat 240
 acatttttcag gttcctctga gtatcttgat aacccttgg gaagatgggtg gtttaagtctg 300
 tccttacaac cttaaatttg taagtcttac atctgaaata aaagagctca ggtaaactta 360
 gaactgaccg agcctgagct agggaggaca aggagggtgt gggggaagca gcctggggca 420
 tggcacatgg gtgaaggggc gtcgcacctc cacataggcc tacagtaccg g 471

<210> 51
 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA070752

<220>
 <221> unsure
 <222> (1)..(436)
 <223> n = a or c or g or t

<400> 51
 acgtgcagtt cagtcaatga aatcctgagg attggataaa gtaaacaâac tgaaatggat 60
 gcacgtacc atctactgat gaggaagata tgaggctcta gttgtgaatc atgaaatatt 120
 tagagtctgg gtacccatga gttagaagag gatttgctga gggtcatttag gtcttcattc 180
 tgctgtgatg tccagttgag ctactgacgg tctcttggt gcttctggaa actgatgctg 240
 gcataggcgc ttaaatacctc acttgagcgg cgggtggagc tgctctcacc gctgcccagg 300
 gggtgatgan nggggtggggg tgggggaagg ctgcggttca ggggtgcact cctgagggca 360
 ctgtttgaag tccttgacca aatccaggtc tatgtagtta agaccattct ccaaaccctc 420
 agcagcccca cacagt 436

<210> 52
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA071558

<400> 52
 taagagagga ggatctcact ctgtcaccta ggctaaagtg cagtgggtgtg atcataactc 60
 actgcggcct ccaactcctg ggctccagcg atcctcttgc ctcagcctcc cgagtagctg 120
 ggactacaga tgcattgtacc acccacagct aattttattt tatttctgta tagatggggg 180
 ctgcgtatgt tgcccaagct ggtctcaaac ttttggcctc aagcagtcct cctgcctcgg 240

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cctcccaaag tgctgggatt acaggtgtga gacacggcac aggaatcatt tatttttagc 300
ccccagttct gcaaatttgg cttctggggc ccccccaat ttacagacag ggaaacagat 360
tcttaggcaa catgtaactc acctacgcat cctgaagtgt ctaagtggca gagtgctggg 420
gcaaaagggtg ccactcgata aacatgtttt aggtgaat 458
```

<210> 53
<211> 242
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA082041

```
<400> 53
cagaatagca tgcaattttt tattgttttc taaatctatt tgtacactta atatgctagt 60
attaatttca caaacagtat aaagaatgta ctccaatgat attacgcggc aactactcac 120
ctgaaaaaga aaacattgtc tctgaaataa ttcctaatta tacaattttg caaataagca 180
ctataaatgt taaaatgtta agacttcagt gtaataatgt caataacatc ctgccttttt 240
aa 242
```

<210> 54
<211> 567
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA082546

<220>
<221> unsure
<222> (1) .. (558)
<223> n = a or c or g or t

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<400> 54
agagaagacc gtggatcacc tggggacaga ggtgaaaggc ctgctgggct gctggaggag 60
ctggcctgga acctgcccc gggacccttc agccccgctc ccgaccttct cggagatggc 120
ttctgagccc tggagctgga gccagcagc tggaggtggc gcacctgcca ggcagcgcca 180
cagaaccagc cctgtcctct cgacttcctt ccttagcttc atgtgaaata aaagctattc 240
tggtctcttc tgtgtctgct gacagagtaa cccgtttaac tacagcctcc tctcactcca 300
cttccatgcc tggaggaagc ctgcaacccc ctccaggctc agacctgggg acacccccan 360
tcctgtcatt tataggggaa gatggagcag gggttgattc acacagatgg ggggcccctc 420
gaattggcct gcttctcaga atgttggcca taggtnaaaa gcaaggggat cgggggttcag 480
gaccancaga atgttttagt aatctgnatg aatgagaccc caggatttat gtgtccatta 540
agtgggtgtt gtgnttttaa aaaaaaa 567
```

<210> 55
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA084138

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<400> 55
ggttacaaga ttctttatatt tgtaaactat acataaacag taaaaaagaa aatgcattat 60
actttattac gtaaagtcaa cattaaattt tgtattgagt gtgtataaat taaatggaaa 120
taattaatca attttgcttt caatgaattg tatactggga aaccagttta cccactgttg 180
aaattaaaga taccaatacg taacattcaa cagggttttc cattttttatt atgggcacaa 240
aaccattggc atgatatagt taaaagtgat ggtgtgccaa aatgtctaca caattaatta 300
acatgctaac ttaaatacag cggttaaa 328
```

<210> 56

<211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA084324

<400> 56
 ttttaggaacc aaattcatca tcattatcac acaaaggcat ttggaaatgt caccttacac 60
 atggtgagca catatgggtg ccagcccgag acagcaggat aagtttcaca aaacttgacc 120
 aggcaggtta gaagcaaggc atggttcagg atggcagagg gcaggagagac agaagggagt 180
 aggatgggag agaagagcca gctggaagat gaggcagggg gtgcaactgg ggagagcagc 240
 tctgaatcct gcttctcagt gagaaagttg ctaagatggc tttgcaggga gctgtcctat 300
 cgctgctcga gatcagcctg ctgggcctat tgatgataag cagggtctgac cctcttgggc 360
 tctgtagcta agcccaaacc ctgctgaaaa tggggcgggg aggttgaggc ag 412

<210> 57
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA085608

<400> 57
 ttagagttaa cataatatat ttatttttaag tgccattcat gcatatcagt tctggcagca 60
 acaatcctaa tgacacttgg aatattttctt tacagcacta aacagttaca aataatgggtt 120
 gccgttcac atagaggcaa aatatgaaat cgtgcaatag caaaactgta gaaacattaa 180
 aacactgact gtccaacagc agtacagaga gcagggttga tctgcacaaa aagccaatgc 240
 attttcatca catatataca atatagatat gtacacatca ccctctgaat gaacaatatc 300
 aaaatactct attccatttg aaattatccc cggattgatt ccctcccact tcaaaggaca 360
 tctgagcgac acgtattttac aagaacacac atgaatacat ttacatttca aa 412

<210> 58
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA085943

<220>
 <221> unsure
 <222> (1) .. (370)
 <223> n = a or c or g or t

<400> 58
 agaaccacgc ggtggttctga ggggagcggtt tattttcaagc naccgatggg acaaacantc 60
 ccaggcttcc caggtgnan tgnccggggc ggcattcctca cttccagcgg cctccaacgc 120
 ggcccttccc tgcccccttc cggaacttct gggcggtggt gatgcggttg tacagcacgt 180
 tgatctcata tttctgctgt ttcagcttcg ccatcaggtc gaacttctca gactccagct 240
 ggtggatcca gtccgacagc tcttgggctt tctcccggag ctgttctctc cccatgtaag 300
 tcaatgttca agagggcttc ttaacgctcg gaaaaggaat gcgcaccttc atctcccggc 360
 ccccgctctgg 370

<210> 59
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA086264

<220>
 <221> unsure
 <222> (1)..(406)
 <223> n = a or c or g or t

<400> 59
 tttttttttt tttttttttt tttttttttt tttttttttt tttttccan ggaaacactt 60
 ttatttcngg aagtcagaag aaaaacaang ngcacaacct gaatgacaca gagcggcagn 120
 tggaaccac aggggctgcc ganagctggc ctttcacagc agaccactgt tttccagtga 180
 gaatggtggg ccattccaaa acaaagctaa agggttccaa acatccagaa tggaagctgc 240
 tcccccaac tccattacct atactacagg atggattgct ttttgtgaga ccccttcttc 300
 cactgggcaa ttttnggcat tatttacct cccccgatt tttaaaagct aaaatggcgt 360
 cccagggag aagtgccggc ttggatgcan gcttgggcca ntcact 406

<210> 60
 <211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA091278

<400> 60
 gtttgccttc taattgatca tttagactat tctggctaag tctgcccaca tgtaattacc 60
 ggctaattca agcgaggaaa aatgtaagtc atttagacca aagccaagca gtttctttgc 120
 gtgggttact caagggcttg tggttacttg tatctcctct atgtgaactt gactttgaaa 180
 gacagagctc tagtgtgcc gctgctaag tcctgtaaga atagggaggg cggaggggggt 240
 ggcagtacta 250

<210> 61
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA092215

<400> 61
 ccgacatgaa ggtgtcagct gtgatgcatg tttaaaagga aattttcgag gtcgcagata 60
 taagtgttta atttgctacg attacgatct ttgtgcatct tggtatgaaa gtgggtgcaca 120
 acaacaaggc atacaactga ccacccaatg cagtgcata taacaagggt agattttgat 180
 ttatactatg gtggggaagc tttctctgta gagcagccac agtcttttac ttgtccctat 240
 tgtggaaaat gggctatcga gacatctctc agacctgtta cttctaaaca tgcagaaca 299

<210> 62
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA092716

<400> 62
 gcgagtctgg aactctttct tgggggcccc ggggcacacc atggaggtct cctgttgaat 60
 ggcccttggt gccctagagt gggaccacgc cctcacctcc cccagagcta acctgggagg 120
 tgctgaaggg gcattgggac accgtaagca agggaaaaag ggcagatcat gcggggagat 180
 gaccttgatc tttgattgct accctaacct tgacctttaa cccgtgattc cccagctcc 240
 tggagagatg tctaatatct cttagggacc agaccctaaa ttctctctcc ccatttgatg 300
 ttagtggt 307

<210> 63

<211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA093923

<400> 63
 gtcataatgg accagtcacg tgatttcagt atatacaact ccaccagacc cctccaaccc 60
 atataacacc ccacccctgt tcgcttcctg tatgggtgata tcatatgtaa catttactcc 120
 tgtttctgct gattgttttt ttaatgtttg ggtttgtttt tgacatcagc tgtaatcatt 180
 cctgtgctgt gtttttgatt accctggtag gtattagact gcacttttta aaaaagggtc 240
 tgcacgtgg agcatttgac cacagtggac gcgtggctat gcagggtgatt cctcagtcct 300
 ccttggtct 309

<210> 64
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA094800

<400> 64
 gcgactgcag aaaaagttcc agaaacaatt tgggggttagg cagaaatggg atcagaaatc 60
 acagaaaccc cgagactcct cagttgaagt tcgtagtgat tgggaagtga aagaggaaat 120
 ggattttcct cagttgatga agatgcgcta cttggaagta tcagagccac aggacattga 180
 gtgttggttg gccctagaat actacgacaa agcctttgac cgcatacca cgaggagtag 240
 aggccactgc ggcataaagc gcactttcac a 271

<210> 65
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA099820

<220>
 <221> unsure
 <222> (1) .. (323)
 <223> n = a or c or g or t

<400> 65
 gtgacatggt ttttgcttta ttgaaattct ctcttacaac aggtctgang tatttttaggc 60
 caggcctaata ttgcttttgt ccctgaaatg caggcccatg gtcatttcca tgctctctga 120
 agtaggtatg taaactagta gacttccatt tttaagggtc acacactttt taacattggt 180
 tttatttgat gtaaaacaag acttatgttg tccctaattg aaagaccaag taagagaggt 240
 atgtgcgtct tcatggaagg gataactgga ttctttgcca gaaccgggtt gggaatttag 300
 tttgttcaat gtggcatctt tca 323

<210> 66
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA101767

<400> 66
 catttcataa ataatgtact ttatttttatt gcatatggct attaaggagg gcatccatga 60
 tcaatacaga ctaaatacaa tgcactattc tagtccagtt tattctcgtc tccagcagca 120

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tcacattgac ccctatatac agcgtgtaca gtggaagaca gagcaagata agttaagtct 180
cttgtcatat cacaatagca agaaatatat ttaacatctt gatatccaga aacaatacgt 240
acccaaaaag aaaacactgt ttaataactg ttaaagttta tatagcaaaa aatattttta 300
atttaaggta agtcaggcaa aatgtacaaa gacccaatat acattgtgaa gtttttagcaa 360
acataacatt tatacatttt gggtccattc tgtaaactaa attaaaaatg gtaaataattg 420
catatgcctt t 431
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<210> 67
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA102489

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<400> 67
agtctacaag ttcagaccca catgtaacgg attttttgctt catgggttgct agaggctagt 60
gtgcattatt tctgaggatt atatccaatg acacgacgca gaaaacacaa atggacggac 120
agacggatgg acataatcat taagacaaga gactctaaaa cgtgccttag tgtccacgtg 180
attgatctaa ggcgggggacc cttctaagggt ggggacccga gtgatctaaa gcagggtggc 240
ttccagcaca aggggtgccga 260
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<210> 68
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA114858

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<400> 68
tttttacaca aagaaaaaga ttttattgtc ttcttagtca atatccctgg tgaaattaga 60
ggcatagctt gagactgggtg acagtgcac acagaccttc aggagctgct ttgaggactg 120
gcctgcccag atgcctgctg ttaagccagc agccccctca ctccggcccc tgccatcttg 180
acagatggag ctgccatggt ttcagggaca ctacagcagg catctgggtt ggtccctccc 240
acatggacct tgtaaagttg ctattcagggt gaacctggta tcgttttcagg caaaacacag 300
aaccatatta gcacttctaa gccccctgcc ccggccgcct ccccggaaca tttgggcttg 360
tcgcacattc caggagggag caggagcaca gctgcagcca cagctgccag gaacaggcct 420
gggctccccg ctgtgtgggg ggaagg 446
```

<210> 69
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA121142

<220>
 <221> unsure
 <222> (1)..(365)
 <223> n = a or c or g or t

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<400> 69
tttttttttt ttttcaacaa actcagcttg actttattac atggaagctt gcagggagcc 60
agcggggaag gcctgtctgg gcaggaactc catggctggg ctggactgga ctgagcagtt 120
ggtgttccag atctgccggg gagaccagat caacagcctg cctcttcagt ttatatccgg 180
aagactcgcc caggtccttg ctacttgggg ccaaggtagg aaacagcctt tcctgttttg 240
ttgagggttg ccancagggt gtctgagctg tgcccaaagt cgatgcagac cttctttttg 300
ggcaaggcca atgttgaact ccantcctcc caagcttggt tgaaggactc tggaaaacgg 360
gtttt 365
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<210> 70
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA122242

<220>
 <221> unsure
 <222> (1)..(564)
 <223> n = a or c or g or t

<400> 70
 gcgacatggt tagaaatact ggtagggaac caggagtaag aaaagcttta ccagctttta 60
 ctacaaatgg atgaaagaca tcaggatccc accaccgcaa gtaaagtgac ttcccttttc 120
 tggaaccctt gtggcacagg agtaccaatt ttcctttcca acgaactgga tttctggata 180
 ggcatttttg ctgtatgtgg acagataaga ccacagtcct tagcccaatc ccagctatac 240
 agtcacccca atttccacaa atgatgtgat ggtaccgtat aatcctgtaa ttgggaaatt 300
 tcacattttt cctgtcctaa tctcagaggt gggagaagca agtctagaac atctccaggc 360
 tcagactaaa cgagagtact tggactgcaa ccaagtaatc actgcaaagt agttccaagc 420
 agcaagaaat accagattct catggaggct actatagggt acagaataac aacatgaaag 480
 caatcaaccc tgtataaata atgttcttgg catttttttt ttattaaaga atccagtgnt 540
 caaaaaaaaa aaaaaaaaaa gggg 564

<210> 71
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA122302

<220>
 <221> unsure
 <222> (1)..(584)
 <223> n = a or c or g or t

<400> 71
 cagattctta tttgccatct caccgagaaa atgagcatgg tatagttttg accagggatg 60
 tagccataaa actcgtgagc ttatatattca ccaaggatga agcacttccc tgggcaatga 120
 gaagaaacca acacatgcct ctggagtcaa gacatctggt taagtgtgtt aactggagta 180
 ttcttcttcc tgagaagtat agaaaagact atgtatatac tgaaccaatt ctnggaggac 240
 ttagttattc attgccagga cttacagaca gcagagcatt acccttggtg gccaatgatt 300
 ctcagttaca gaatttgcca ctaacctata ttcttacttg tcaacatgat ctcataagag 360
 atgatggact tatgtatggt acaagacttc gaaatggttg agtccaagtt gttcatgaac 420
 atattgagga tggaattcat ggagctttat cattcatgac ttcaccattt tatttacgtc 480
 taggtcttag gataagagat atgtatgtaa gtnggctgga taagaatttt aaatatgtga 540
 tgtgtatgta tagccctac tagtggatgg natttgtgaa atta 584

<210> 72
 <211> 261
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA127946

<220>
 <221> unsure
 <222> (1)..(261)
 <223> n = a or c or g or t

<400> 72
 tttaaagtgaag agaaacttta ttttgagtaa tatacatatc attcattcca ttttaattttc 60
 atagctatgc nctatgaaaa tttaatggaa tgagtaatat acatatcatt cattccattt 120
 aatttttcata gtgcatagct atgtgtagaa gtacacaggg aagaataaac attagaaata 180
 cctagccatg aaaatataca agtgaagaca tttgatatat ccatggacng gcttggaagt 240
 attataaaac aggatccatt a 261

<210> 73
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA130349

<220>
 <221> unsure
 <222> (1)..(444)
 <223> n = a or c or g or t

<400> 73
 tacaacaaac aattggttatt tgtgtacttt taaaacctca cagtaaatatt ttcacactac 60
 cttcttggtc gaaagttcac actcgggaatt ccagagcagt ccatggccag gccactggn 120
 tccccttgct ctctccttgg ctttggtaac cactggcccc agggactcag cctgctttcc 180
 tatccatccc ctccagtagct gtcaccatgc aggttacccc ttctgtttct tctaccacta 240
 actccatgct tgactgcaag tgaaaggaac agaagcccaa acctttgggt ttttaaggagt 300
 ttattgctaa tctgtaaaac agaaagagac aggagataag catgacaaaa tatagggaag 360
 aaatgacttt tgcctaaact tccaaactgt gtacaattga agcctccgct ttatagctct 420
 tagcacacct ctcaaataag aagg 444

<210> 74
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA131322

<220>
 <221> unsure
 <222> (1)..(616)
 <223> n = a or c or g or t

<400> 74
 gattttccatg cactttaatg aggtccagca ctccaggagga ttagcgccca ccaccagctg 60
 cctggggcagg ggagggccgg agcaggtngc aggcgtcagg cttaggacag ggaagggggc 120
 tcaggatggg gaaggggtcct caggacaggg gaagggggtc agaagagagc agggggctta 180
 ggacaggaag gggcactcag gacggggcag ggaaggtgtg gggggcagtc gccacctggg 240
 taggaagcag tgggtgtttg gacaggagg gctggctctc cagtgaccca ggtggacacc 300
 ccaggcctga ctccaggctt tttggggaca tagtggtgga tccagtccaa gtagtaggtg 360
 acacgggtgt agatgccagg ccggttgggc tgggcacagc tncgntccca gctgaccacg 420
 cccgcctgta gccagggtgc attcaccttg cacaccaggg gccctccaga gttcgccctg 480
 gcatgagtc ctccgggtgt cccggcacac agcatgtcgt tcacggatga tgccgacgtc 540
 gtctcccgtg taggcgccaa agtggtatatt gcgtcacaaa tgtgggtttcc attatgggga 600
 ccttcactgc ttcagg 616

<210> 75
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA131919

<220>
<221> unsure
<222> (1)..(464)
<223> n = a or c or g or t

<400> 75
tttttttttt tcttgagtaa tttttttatatt tgtgcagaga caggatccag aactcctggg 60
ctcaagtgat cctcccactt tgggtctccca atgtgctaga attacagccc tgagccacgg 120
ccccatgccc cgttttttacc agtgtatatatt ttctactgga aaatgagact tttagggatg 180
aatgtggact tgtctgttga aacttgtaaa tttgcttaaa aaaaaaaaga tctccaagtc 240
ttcacaaaat tttatatattcc ccaaggctgc cccatcacaa tgccctgtgaa gcttgactgg 300
cagacactga ggcctgaagc tgggggctgc aggggggtcac tggctcaccc ggtccccccg 360
taatctgtaa aacatactgg gtgagggagg ctgctggagg acctgaatct ctcccttctc 420
caggcagtag tgaggcatat gctgntggcc ttggggccaat taaa 464

<210> 76
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA132239

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

<400> 76
tttttttttt tttttttttt tttttttttt ttttttgcag ataatttctt tattgaaact 60
atcaggaagt ttactatga aattttacat acatgatgga aagtggaaga catataccaa 120
ttatattcca ggaaaaaata ctttaatagt attgttatat agtgtattgg ctaattccag 180
tggaacctca tctctcactg ctgacattat cnccaatatt tgaattatat ggcagggttc 240
atttctgtct ttttaagcagt gcccaactttc ccacttcttt ttggnaggaa atgcagttct 300
tananatttn gatccagcat gtggactttt gactccacac caaggggcat ctgtctcaat 360
cattaatttt tcaactaggaa ttgncttcaa aacttccaaa ttagcttcag ttttcag 417

<210> 77
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA132453

<220>
<221> unsure
<222> (1)..(467)
<223> n = a or c or g or t

<400> 77
tttcaaaggg tacaaagaag tttattgact atgatgcagt aaagatacca agagttacaa 60
tatttgtgca tatggcccaa cagtgcctac cctcctacaa aacaaaaaca aaaacaaaaa 120
aaggcaatga ggtgcagcag ttaacagccc aacactggag tcaaagggaat ggagctgcct 180
cttctggcag caaagtttca agttgtgcaa ttaaataata gtcttggtcc actccttgtg 240
ggtcttctta cagtttccct ttagaaccat aactgagtga cttagtagaa cattcatatt 300
caggatgtgg cctccagaag tgtcgttttg ttttgttttg aacaaagacg tgctaccttc 360
tctcttgaag caccagtgtc gggttcagga gctacagagg actaagatgt tccccaaagta 420
gcctggaagt aacagggtcac atgggaaaac acaaagcaat tggtgng 467

<210> 78
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA133756

<400> 78
 ctccatttat tttattttat ttttttataa aaaagcaggc ataaaataca attacattac 60
 tacgaagatg caacaaaatt ttaaaaaaga aaaaggggtg caattttttt cagagaggac 120
 agctgatcaa atatttataa ttttctaaac catgcagttc attacttatt acaattccaa 180
 acaaaactca ttattatggg gatgggagtc agggagaggg ccccccccaa gcatgatatc 240
 cagcgtgtgc acacagtgtc tatgttcaaa gtgcttacia atgggtgtctt cacagcatag 300
 ggaagctgaa gccttattcc aggggaaggag aggtgagtc gtagcagtg ccaatggcag 360
 actcagaaag ctcggcagtg acttgctcaa aat 393

<210> 79
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA135870

<400> 79
 aaaattttaa ataaaatttt attttatctt atactcaagt tcagacaata gcatgtggtg 60
 tacattcaaa atttttgaca ggtacagagc acattaaaaa atgaagacat gatcaaggag 120
 atgtaagaga caaatagaca acaacattct ccctgaatct ggaaaaaagc aagcaataag 180
 atcacgaaag gcagctgtaa aacaggatta ttctgcatgt gttgcccaca actagggcaa 240
 gggtatctct catcacaagt acaaagccat tgatgttagt gtgtaacaga gagaaaacag 300
 aggatttgta cagctgagga aataaatggc agatgttaca caggaagcaa tataacatgg 360
 tcattaagta actgtattca accctcaaat ttaatttt 398

<210> 80
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA135929

<220>
 <221> unsure
 <222> (1) .. (390)
 <223> n = a or c or g or t

<400> 80
 aaagatatca attatatatg tatataaaaa aaaaacctca ctttccccac aaaaagcaca 60
 atactgttat cacaaaaaaa atcatcatcc tcataattaa tcatacctagc cacgcaggtg 120
 tntttgctgc caaaagatgg gacgacaaat aacgttgacc aggcagaacc cctagacacc 180
 ctcgccccac ccacagcctc tccggctgcc gaagacgagg gacgagggca aggcagagtt 240
 ctctgaggtc cccaggcctt caccatctgt gtcagtctgt gtcttctagg acagaaggta 300
 gttgtttttt tttcttttaa aacgtctgtt caaaataaaa aacaaaagca cacgcgcaag 360
 agaagcgggg aggaacggag gctgcctgcg 390

<210> 81
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA136864

<400> 81
 cacacagaca cagaatttat ttctggacgc attctgcagg ctggaggtcc cggcagcaca 60
 gggctcacac cttgggtttt gcaaacacct cccagccctc cagccggccc atcttgacca 120
 gggaggccgc tatgccaaag tacacgcagg cggcggcgca attcccgtag ttgtgcgtgc 180
 gtgctcccag agtcaggcct cggggcagca cccgaggaag tagttcaggg ggtcgtcggg 240
 cttctcgcgg acatgggcgc tgatgcaggg ggtgaggcca aacacggccc cgacagcagc 300
 tgcagtgaac gtgtattgtc caaccttagc cactccttca aggaagggtgc ccggagattt 360
 gagtgtgact ctgtaggcag cggcgggtcag gccagcgacg ctgaaaataa ctgggtgggtgc 420
 tgtaggcttt gcggtggca 439

<210> 82
 <211> 511
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA142858

<400> 82
 tttttttttt ttttttttca aggggaaact ggggcagttt tattgacgat ggcaatgtac 60
 aagactccac acctagggtat gtgcacgagg taaggcctga gctcaggcct tatgatcctc 120
 ctcaggaccc ttggggggcaa acttctcctg cagtttcttc cacatgcctt tatctatttc 180
 cttaagctct tccaagggtgt ctgtggacag gatcagcttg tactcttcca acgacaggcc 240
 actgaagctg gtgtctcttg ggcgagggtta cttgtgtttg tagtagtttg aatggagtcg 300
 cgctaagtct cgtacatctg atcacaggcc tcaggctctg aacctgggta ttctctccct 360
 cccgaaaggc ctgtgctacc cgctgtcgca ggtaagcgcc caagtcccgg ccccgtttgg 420
 tctcgtccac tggccattcc tcacagagct taagaaaacg ccggtaccgt gggccgccat 480
 ttggggccccg cgtgttccccg cccctcgtgc c 511

<210> 83
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA143190

<400> 83
 tttttgaaca tgggaatagg ttttattttc atctcaagaa catttaagtt ggggtgaagaa 60
 attcagcttt tgttggttaga atctgacagg cttcaaacac ttgtgatgga ggggttggtg 120
 tcatatcaaa gtccacctag taaagtttta ggtgaccagt gactttgtca attaggtctg 180
 ctggtcctgg cccaatccct aggacagttt gagagcctgg tgcaatctga gtacgtccag 240
 catcttgaat taaacttaca gtcagtccca gcatttttgc atgggccaat aatgcaatca 300
 gggtttcttc atcaggagct ttgaccacca ccttgggctg gccacagtat tcccattggt 360
 tgagcatttc aggatttctt ctttgaatct gcctgtaggc tgaaacagca gcatgagagc 420
 actgggcagc cact 434

<210> 84
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA143467

<220>
 <221> unsure
 <222> (1) .. (599)
 <223> n = a or c or g or t

<400> 84
 gcccgcctgcg gcagaggagg aggagcagca gggagccgac ggggcccgtg ccgaggacgg 60
 ggcggacgag gccgaggcag agatcatcca gctgctgaag cgagccaagt tgagcattat 120
 gaaagatgag ccagaagagg ctgagttaat tttgcatgac gctcttcgtc tcgcctatca 180
 gactgataac aagaaggcca tcacttacac ttatgatttg atggccaact tagcatttat 240
 acgggggtcag cttgaaaatg ctgaacaact ttttaaagca acaatgagtt acctccttgg 300
 agggggggcat gaagcaggag gacaatgcaa taatttgaaa ttccctaaa gctggccagt 360
 atctatgctt gcgcagaaca gacaggaatt tgctgttgct ggctatgaat tctgcatttc 420
 aactctagag gaaaaaattg aaagagaaaa ggaattagca gaagacatta tgcagtgga 480
 agagaaagcc ataccacct cctcttgggc atgtgcttag acgcctgtgc tcgctacctt 540
 ctgttctcca agcagccgtc acaggcccaa aggatgtntg aaaagctctg cagatttct 599

<210> 85
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA147224

<220>
 <221> unsure
 <222> (1)..(341)
 <223> n = a or c or g or t

<400> 85
 aatacatttt cacagtgtgc tgaatgtctt tatttacaag atatcattct atagtgaata 60
 tgaacaaaac gaatgtgcat gggtgaaata actgcttgat taaaaatgtg ctgtgaagat 120
 gaatcactaa tcttttctaata gcactctgat aacacaataa acatggaaaa atactaatcc 180
 cctaatagat cnaaatatag natatagncc ccnaaatatt tcnggggggat ggattttcct 240
 tcngaggttt cncaaaaagg naaaanggaa atggnttccc ccagccaatg gtttagccaa 300
 atattggggg aaatgccccat tccaatggga aaaaccogga t 341

<210> 86
 <211> 546
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA149051

<220>
 <221> unsure
 <222> (1)..(546)
 <223> n = a or c or g or t

<400> 86
 agaaattagt ttattcttta ttatcacaca gaataacaag aattagagtt aaattcacaa 60
 tattttttaa gaaaacatta tgtgaagatg attcatttca aaccaccagc caatttaaca 120
 taaaacactt gtcaagctga gtagactgtt ttcttatgtg aaccacaaaa tatttttctt 180
 gaaatctaca cttagttaa aaacagagat gggattttgc atattagctt gaaaataagt 240
 atatgatgat gatattaggt gccactagc acctagtttt tacagctttg cattgtcacc 300
 ccatcactgc cagggaccca gcccaggca tacacagatg aaaggacagt ttcaccttct 360
 tggcaaaaac cttcagaaca attgtcaaca tactctcaaa tgtctttccc actcagaaat 420
 gaggagcaag gtgtatgacn ttagattcaa gaagtatatg gggctaaata tctttaaaag 480
 tttaactctg ggacaatgta cttagggacc tactacttac tccaaatagg ggtagtagcc 540
 attagt 546

<210> 87
 <211> 561
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA149579

<220>

<221> unsure

<222> (1)..(561)

<223> n = a or c or g or t

<400> 87

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atagtaaata tattacattt attctaaaac ttcaaaatta ttctgttttt gtagtactga 60
aaaaaagaca gtgccatttg aaacaacaga tgcattcttt atacattttc acaagtttgt 120
ttttcatatt tttaaaggcc ccatttatct gtaacagtgg tattttttatt tagagtatcg 180
gctacttaat atatacatgc aacaatatat gctttaatag tcattttaact ttttaggaata 240
tttcatcaca ttaagtgggt aagcatagtg ttaaaagagt ggaattttaag gaataagaaa 300
atattgaaaa tacgctgtta ttttcatttg ttcactataa tagaatgttt ttgcccataa 360
aagttatcat tgcccaactg aattccctacc aagaactaac aagtgattct cagtggggag 420
aantttnttt nntnngaata tagagggctc gttagaaagt gcagatntag gcgggcgcgt 480
antcacaccg taatccagca cttggaggcc aggcgggcgg tcacgangta ggagatcgag 540
accatccggc tacacggtga a                                     561

```

<210> 88

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA150920

<220>

<221> unsure

<222> (1)..(420)

<223> n = a or c or g or t

<400> 88

```

agcgttgtaa gggtttatttg ggtagggaag gggacaagtg aggtaactga tccttgcttt 60
gtagacagtg caagacaatt atttgtggtg aagggactgt atgccaacaa acgttactca 120
tgcttttagtt aaaactttta gtcacctaaa acagaaacaa ttctnaagaa cactgggtgga 180
aaatagaagt gtaaattgttt cagacaaaac caaggcattg tcagcacgat gtacattata 240
cggcagatan nacagccaca tcctaggcca cagagcagat cccaagagcc ccaggcatgc 300
aggagagttt taaaggaaca gacggaaatt ttaactgtga aaaccacgaa atttcatgac 360
ttttggtcag ctacnacccc aactaatata tgaccattaa gagtaaaatt ctgaccttta 420

```

<210> 89

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA151210

<220>

<221> unsure

<222> (1)..(426)

<223> n = a or c or g or t

<400> 89

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tttttttttt ttcttggtatg aatacatgtt ctgggtcttgt tacaggttct ggtaaatacag 60
atggagaaat gttgttgcag aaatgtcagc aaactttaca gcagtagttc acacatgcag 120
ctactataca ttcattcatt gctattttcc taagaaatgg agcaacctag gagcttatgc 180

```

tacagtagat tccaatgaac cataatgact acttcaagaa caaagaagca catncaaagg 240
 tgtgatatct tcctgttggg ttgagttttc aaacctgaaa ttcttttaaaa tacatttctg 300
 ggatttttatt taaatattga tgcnacacac ctaaaaagca gtgacttctt gggtaaaatg 360
 taatactgaa atggaaaatt gtcttttcaa aaaaataaga agtgtgggtt ggaaattccc 420
 cgtgcc 426

<210> 90
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA151428

<220>
 <221> unsure
 <222> (1)..(400)
 <223> n = a or c or g or t

<400> 90
 cagagagaaa gtgctttatc agccgggctc agcccgcaca cggactcgcc aggagtaggt 60
 ggtcagcacg cgtgctggc ggcnaaccacg caggtgtagg tgccctcatt gacggcggtg 120
 gcgatgatgc tcaggtgcgc ctgcgccagg gccaggtagc cggggtagga gaactccagg 180
 ggctcctggg ccttgtacca gtacactttc cctttcttgt ggaggatctt ctggccgcag 240
 cggaaggcca cgttcctgcc ctcggnacca agcctgggtt tggctcctggg gggcggtggn 300
 ggtgggtggc caccgtgggg aaaggggaat ttcgtagcaa gaaantccgc aagctngctt 360
 gggggcaaaa agcttccttt ccantgaagn cccgccggga 400

<210> 91
 <211> 502
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA151544

<220>
 <221> unsure
 <222> (1)..(502)
 <223> n = a or c or g or t

<400> 91
 caggacgagc tgtggggggt gcaccggctc tacggatgcc tcgacaggct gttcgtgtgc 60
 gcgtcctggg cnggaggggc ttctgcgacg ctgcgccggc gtcnatgaag aggctctgcc 120
 cagcagctgc gacttctgct acgaattccc ctccccacg gtggccacca acccaccgnc 180
 cccaaggac caaaaccagg ctggtgccga ggnaggaacg tgaccttcg ctgcggccag 240
 aagatcctcc acaagaaagg gaaagtgtac tggtaacaagg accaaggaag cccctggaag 300
 ttctcctacc ccggctacct ggcccttggn cgaaggcgca ccttgaagca tcatcgccaa 360
 cgccgtcaat gagggcacct acacctgcgt ggttgcgccg ccagcagcng ttgctgacca 420
 cctactcctt ggcgagttcc gtgtgcgggg ctgagcggct tgaataaagc aatttctctc 480
 tgaaaaaaaa aaaaaaaaaa ag 502

<210> 92
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA152200

<220>
 <221> unsure

<222> (1)..(285)

<223> n = a or c or g or t

<400> 92

```
tactcttccc tcttcattta ttttggaatg tgctagaaac agcttgaaac atccctttaa 60
tagcttcccc gcctcacgag tgttgaatga catgacgaat tctccttcat agaaggtaca 120
ggtgaaccag aactggaggg gcatttggga tccttccttc ttcagaaagt gcgatcgcat 180
caagatgcat gtgggttttca gtagaactgg cccatgtttc ttgggagcga ggtgtccaaa 240
ccactgttca tccatatttc cnggatgatt tgctcccngg gctca 285
```

<210> 93

<211> 473

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA152408

<400> 93

```
tgattctgga aatatttttaa ttaggttcca ctttaaaaaa aaagtagctt ccttatgacc 60
tccacagtga gtacattaac tacattttca caaacagaaa acttacatac attcaactgt 120
ttacaagaca tgtctccata taacacattt acattcatgt gaaatctatg aacttcttta 180
attgcatata tttatgactc ttacatctgg taccttttaa aacagctaac atatagtatg 240
cttatttcct ataagttaat taatatatga ctatttaagg tgagaagagt ctcatttgaa 300
gaattacaat agttatatc ataccatggg aaatcaatag tttttctaaa cataaatttc 360
aagctaaagc tttagcaatt taagttattt aactaccaat gcatgaaatt cttatcagat 420
tgtcccattt ggattacagt ttaagtcatt tcaagctgtt cacaattatt tgg 473
```

<210> 94

<211> 528

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA155958

<220>

<221> unsure

<222> (1)..(528)

<223> n = a or c or g or t

<400> 94

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acccccgcag tttccaggat ttcctccacc tgtacctcca gggaccccaa tgattcctgt 60
accaatgagc attatggctc ctgctccaac tgtcttagta cccactgtgt ctatgggttg 120
aaagcatttg ggcgcaagaa aggatcatcc aggcttaaag gctaaagaaa atgatgaaaa 180
ttgtggctct actaccactg tttttgttgg caacatttcc gagaaagctt cagacatgct 240
tataagacaa ctcttagcta aatgtgggtt ggttttgagc tggaagagag tacaagggtgc 300
ttccggaaag cttcaagcct tcggattctg tgagtacaag gagccagaat ctaccctccg 360
tgactcaga ttattacatg acctgcaaat tggagagaaa aagtactcgt taaagttgat 420
gccaagacaa aggacantg gatgaatgga aagcaagaag aaagcttcta atgggaatgc 480
aaggccagaa ctggnactaa tgacgataag agccttgatg agaacaag 528
```

<210> 95

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA156064

<400> 95

```
attactatac catttatattg atgaattaat caatgttcaa atggaagagg ttttgacaat 60
```

```
gtcactatgt ttgatgttta tacctgccct gaatgcttgc tcagaagaga aacagatttc 120
ccagtatttt ttataactta ctttcccatt gtcttcaatt aatttgctat tatcccaagt 180
agacagacaa cttcagtagt agccatctcc ctacattttt agatcactga aaaaaatgga 240
tgagcaaccc atgaaaataa ctagcttact gaaatgcttg tcttttaaag aaaagttggg 300
attattttaa aaaaaaaatg gcccaggacc agttagctag gagatctggg agagagaagt 360
cattgccttg gttctgaca 379
```

<210> 96
<211> 457
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA156565

```
<400> 96
atagtaaata ttttaattggt tccatcagca attccagcac aagttttcct ggatggtagg 60
cagaatcaag ctacccaagg gttcatgatg aggtatgggg gtcactgagg agacccccag 120
agtcactgac ccctcccgcc acctccacac accagggtggc cctgcagaat gaggggtggg 180
ctgatagaat gtcaattagg ggagacagga tacagggtga gggaacaggg tctagcttgt 240
atatttgcct gcaggaagga gggagggcag gagagactct gcatagaagg actggaacta 300
cacatttaag ttttcaaccc caatatgcag ggggaaacag ccaagccact ctccatctgt 360
ctagtattag gaacctctct tcaagtggtc ttttgtcatc tctgttcttc ttcccaattc 420
tgtattccag attccaaatt ctacaattga aacccaa 457
```

<210> 97
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA156897

```
<400> 97
cagacatgga aatataattt taataaaattt ctctccaacc tccttcaaatt tcagtcacca 60
ctgttatatt accttctcca ggaaccctcc agtggggaag gctgcgatat tagatttcct 120
tgtatgcaaa gtttttgggt aaagctgtgc tcagaggagg tgagaggaga ggaaggagaa 180
aactgcatca taactttaca gaattgaatc tagagtcttc cccgaaaagc ccagaaactt 240
ctctgcagta tctggcttgt ccatctggtc taagggtggc gcttcttccc cagccatgag 300
tcagtttgtg cccatgaata atacacgacc tgttatttcc atgactgctt tactgtattt 360
ttaagggtcaa tatactgtac atttgataat aaaataatat tctcccaaaa aaaaaaaaaa 420
aaaaaaag 428
```

<210> 98
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA158132

```
<400> 98
tttttacaat tccataccac caccacatct gttctgtgct tttatttttac gaaaaagcta 60
atggcaaatac tacattaaac taagttgaat acaaagtctt agtgaagaag gcctgggtgg 120
ctcgttttaca aaaatggcca gtgtcatatt tgggcttaaa atttcaagaa gggcacttca 180
aatggctttg catttgcatg tttcagtgct agagcgtagg aatagaccct ggcgtccact 240
gtgagatggt cttcagctac cagagcatca agtctctgca gcaggctatt cttgggtaaa 300
gaaatgactt ccacaaactc tccatcccct ggctttggct tcggccttgc gttttcggca 360
tcatctccgt taatgggtgac tgtcacgatg tgtatagtag agtttgacaa gcctgggt 418
```

<210> 99
<211> 602

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA158262

<220>
<221> unsure
<222> (1)..(602)
<223> n = a or c or g or t

<400> 99
ggctcgagctc aggtttctgct tgccggggtgc ccagtgaagc cgacagagcc tcgagtgcctt 60
gatcactcat tgtatccttc tccacctttc ttttcttctc ttgggggtgga gcagcacttc 120
tgactgtccc tgctgactga gctttttaaaa cttctgtaga ttcctctttt tcagttttct 180
ttccagcagc tgtaggcgac ccacaggtga agtcagatga caaggcgtct atagcatcat 240
ctggccctat gggtttagcc aatagttccc tatatttttg aggaattgtg acttctcttt 300
tacccaattc ctctatgtag gtggaactca ttggatctga aacttctggt ccagtatacg 360
ttgtattttc ttcttcagtt tcttcaggtc ctctaaagt atctattaag tcatccaaag 420
cagcatccat gcctgacttt cccgatgggt tatccgggtt agattcaact ggcacagctg 480
gggttaatga tttcttttct tttttcttgt canccggctt gcagatattg cagtgatacc 540
agcaacantc tctccaccag cagaaatcat gtcttggtggg ttagtctttg ggtcnggtga 600
tt 602

<210> 100
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA159025

<400> 100
ttgatgtcta gaaacatctt ttattttgggt aacagggtccc aaaacaggtc agttaataaaa 60
atagattcta aagaatatgt ccctatgcac agccctccct ccccaaaaat aacgctgggg 120
gtaggcattg cctttccccc ttggggtcctt cgggtgtatt taaaaaaatg ttttggcagc 180
tcagtgttta tcatctgggc atgggacacc atgtccatgt ccccatattc ctaggggtaca 240
gcagcagtag atggctgcaa caaccttcct cctaccccag cccagaaaat atttctgccc 300
caccccagga tccgggacca aaataaagag caagcaggcc cccttctactg aggtgctggg 360
tagggctcag tgccacatta ctgtgctttg ag 392

<210> 101
<211> 478
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA165116

<400> 101
tagtggttaa ttttattgaa tgctttctcc gcatctgatt tttcttcttt aatatgatat 60
gtttcattaa tattctgatg ttaagcctta tattcccagg ataagccctt cttggtcata 120
gtagaggcag tgtgtctgtg tctgtgtgtt ttgttcagta tactgctgga ttcagtttgc 180
cagtatgttt gcctagtact tttatttagg atttttttgc atgtacattc ataagaaaga 240
ttgatctaaa attttattgt attgtccttt tccagtgttt caggacaata tcatagcctc 300
ataaaattaa atgggtagct tctgcacct cttacctttt ttctttttct tttcccttcc 360
agagacatga tctcactctg tcaactcatgc tggagtacag tgctgtgatc atagctcact 420
gcagcctgga actcctgggc tcaagcatcc tctgccccca gccccccaag cagcaggg 478

<210> 102
<211> 472
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA165231

<220>

<221> unsure

<222> (1)..(472)

<223> n = a or c or g or t

<400> 102

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tttttttcat tcatcagaca ttttaattgag acccaatctg atatgacccc ttcttggggg 60
tagctcatca tccaaggaga aacaaacagt tacaatgtta caatgcaact tgctaaatat 120
tgaacagagg taattacata aagctgtgtt cccccagctg ctccccctgct tgtgctgaga 180
tcaggagagc tgtaggaagg agccacaggg gtaaaggatg acccactcca gctgttgga 240
tatgagatga gtcacatctg gaaattctaa tttggtgcag ctgccccagg caaagtggta 300
ggccttggtc acatttaact cggtaaagct ttatgaagca cctacccagt gggtgccatg 360
gaggtggatc agattgagcc acgctgctgc cacctctgtg gagggaggct ggcattggata 420
caacttgatg actatagact cttcctctct gggnttcagt tccctcttct ta 472
```

<210> 103

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA165312

<220>

<221> unsure

<222> (1)..(476)

<223> n = a or c or g or t

<400> 103

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tcgtnnntc ggttctgaga aataggcact ggcaatttac acatgccttg ctgtgtaatc 60
tcaactatatt tgctcaggca aagtgggaga agcagcctta gggttttcatt ctagagatgc 120
cggctttccc acctgatcgg cttagaggtc acgattgact gttttgggct tcatttcacc 180
ctctacataa caagcgggtg gactagatgc cttagcaagg gtccgtgttg tgtggtgtct 240
ccagccacgc actcagctca atcttagcac agttaaaaaa tgcctttcta gcaagttatc 300
tgcccagtgct ctgaaaaagt atcatttctt gtgttcaata aaaaagcctc ctaatttaat 360
caaggaccta tggagataac tgtcttttag ttgtggcatt gcaaggatac aaatgcagag 420
atatttttaa agtgatcctt ctgtaagagt gaaccacga tatgatctgg nagcaa 476
```

<210> 104

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA165313

<220>

<221> unsure

<222> (1)..(479)

<223> n = a or c or g or t

<400> 104

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cacaagcccc cacgtccata gccaaagtttt ccccggtttc ccagcagcca gtgacttctg 60
tagcattagg attcttatag tagttattgt ctacatttct cagcagattg aatatgtact 120
gcctcttact actggactgt ttattcttaa atgtgtacag tatggattta tgcgtctat 180
atattatgca ttattttgtc ttcttcgttg tgatggtaag ctcttgagg gcaagtcttg 240
catccactgc ttgtctggca acccgactgg taagcttctg gaaggcaagg cttgcatcca 300
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gtgctttgct ggcaaccoga ttgctaagta ccgtgtttta agcttagttc agtctcaagt 360
 gtttgcagcc acatctgaag accaataaag caactgctgg gtttatccn tgggagctga 420
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<210> 105
 <211> 347
 <212> DNA
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<220>
 <223> Genbank Accession No. AA169837

<400> 105
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 gggacccccg gcggtgccaca cgatctagtgt gtgggtgctgt ctgaactgga gccacagta 180
 accgcatgtg ccggtttttg tttctttgtc caagtttata tacacttttg ggtggccaag 240
 agtcccccg ccgcatcgc acgctatcac ccgagtctcc acctcgtca cgggctgctc 300
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<210> 106
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA171939

<220>
 <221> unsure
 <222> (1)..(298)
 <223> n = a or c or g or t

<400> 106
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 tctcagggtc accagtgtgt gaaagatcgg ggcatgccgg ccacaggggg aagcagggtt 180
 caggctgcc cacctgggtc tggccctggc aggcgcccc tcacctggct ctgctgtggg 240
 anccgagaac aaagacatna cctgcctggc tcctgctgcc ccgggggggtc agcnagca 298

<210> 107
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA172188

<220>
 <221> unsure
 <222> (1)..(420)
 <223> n = a or c or g or t

<400> 107
 atttaagaaa gaaattttac tgtgtctttc atacacaaaa gctgattaac aatgggttaa 60
 aaaacactac tccacttttt cacagggtgta caaaaggaaa tataatggaa ttacattcaa 120
 caataaagct taaagttcac tctaggtaat agttgcatta acattcacat acacaagcac 180
 agagtaagta tatttcagga gtcttagcat agcatacagc atacatatgg gagattgatt 240
 tcaggtaaca tcatagggtgt tagtaagatt agcaattcag agtggttatag aaaaggaaaa 300
 ctaaaccaaa gagaagggtgt aggctagcac accaagacaa gtcacagaat tagtagattg 360
 aaaaatctgc tcaactgtatg agaaaacaat atttttcctc natttttggg tcntgatatn 420

<210> 108
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA173223

<220>
 <221> unsure
 <222> (1)..(596)
 <223> n = a or c or g or t

<400> 108
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 tgctgtaaga tgatcaggag ttagtatgaa gtattcttct ctacgcacca aagaaaacaa 120
 acaaagcaaa cttcaagtca gtgaattagt taccacagtt aaaatgcatt tgattttgtc 180
 cttttccttt ttcacaagaa cgacagctga atactcttct atgtgatgcc tgatattttt 240
 ctttttcttt ttctctcttt tttgagacag ggtctttaag atgggggtctc gctctgttgc 300
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 gtgattcttc tgactcagcc tcccaggtag ctgggattac aggcatgtgc accgtgcccg 420
 gctaattttt gtatttttag tagagatggg ggnttcacca tgttggccag gatggtctcg 480
 aactcctgac ctgaagtgat ccacccgcct cggcctccca aaagtgcctg ggattaccgg 540
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<210> 109
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA180314

<400> 109
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 aaaaaggctg ggcctcagtt agctccggga gccattctta ggaccctccg gctgcacaca 120
 gagaggggct gggtagctgg ctgggctggg gcacgcattc actgggctgg cacaggctga 180
 ggggtctctc gccactatc attaggcccc tccagcccggt tatgctcagc ccccggtca 240
 ggatgctcca gggcgtgccg ggtatcagcc tgccagagct gcaccaggtc cgtcgggggtc 300
 tttcctgcca ggttcttggt catcatgtca gcccctatga ggagcagcag tttgatgatt 360
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<210> 110
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA182030

<220>
 <221> unsure
 <222> (1)..(479)
 <223> n = a or c or g or t

<400> 110
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 aaaaaaacac aatgtatata ttaataaatt aagtgggcct gagtattcag tatccatcta 120
 ctagaatcct aaagctcttc cccagatttc acaaaggcca atgtagatta tttctatttt 180
 atcaaagtgc atttgcacag ttgggtgtaat tgagatacta acatttcttt tttctagtgt 240
 tttaaagata gttcacagta tttgagttta ttaattaatc aactgattta aatcttttgt 300

aaatacaagt atttacaatgt aaaaatgttt agctcaaatt tcagtaaaaa actggaaatg 360
accaataacc tactgccaac tgttttggta taatccagaa atgcatgagc cggactccca 420
ccattaagaa atggcactgt cnaggacctc ngatgataaa actggaatcc ncaaaaaat 479

<210> 111
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA182882

<220>
<221> unsure
<222> (1)..(313)
<223> n = a or c or g or t

<400> 111
ttctggcaca tgattgagca tttattgcgg cactaacaga ggggtgctggg ggccccacca 60
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cagattcccc tcacattttc ctggatcagg gccactcctc ccaggcacct cttgccctca 180
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atcctggcct ctg 313

<210> 112
<211> 258
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA188981

<220>
<221> unsure
<222> (1)..(258)
<223> n = a or c or g or t

<400> 112
tttactacttt actgagacaa ttttattcac tatggatata tatacatgat caacattttta 60
tcttcattctc tcagaagact taattagagt agctttcttc tcatacttat ctctaattctc 120
tttaaatattt tccgagagat cttctgacat gcattentca tattctctat caacttttagc 180
aatctgctcc tcaagatggt tctctacaga cccaacatgt gtagcaacca tctctaacag 240
acgttgcaag ttaatttc 258

<210> 113
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA189015

<400> 113
ccagtgtact atttattttcc tcaagtgtct ccatggggga aaaaataaaa gtctaataatg 60
ccagagaaat catcattgaa ccaataagac acagtaacat aattctagta acctacttct 120
caatgaacac acatctgaga aaaaaaccgc cagtatttta ttctcatgga aaaacagaaac 180
aaacccacaa gttggagtca cggagataaa atacagatga aatggaaaac ggtctgttgt 240
catgaactct cactttcaaa taccatttta tatggaagtt actttactgc ggggcaaaca 300
gaaggccatg ctggagtctc ttacttttgg aaaatggaga atcaaaaatt tgctaataca 360
caaacaaaaa aggaggga aaagctctac aaacataatt atacatt 417

<210> 114
 <211> 506
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA189083

<400> 114
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 tctccctgtc cctgactct ggccaaggaa gtgaatgcaa agcagcaggg aggaggcagg 180
 gtgggggacgg cctcttgagc tctccgcat ggctggcgtg aggtgcctct gagacttctg 240
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 agcctcccgc cagtaactca gaggccgctc agagggcagg gttgggggtg gcaagcagcg 360
 ggacgtgggtc acagcgggta ggggggtggct gccgcagcag ggaaggccgg cgacacagct 420
 ccccgctccg gagcacctcg ggcaggagct tgcgcttggt ctccggaagc agcataatgc 480
 tgaagaatgc agaagagggc gcaagc 506

<210> 115
 <211> 484
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA192553

<220>
 <221> unsure
 <222> (1)..(484)
 <223> n = a or c or g or t

<400> 115
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 tcccgagaat tccgagtcct gctacttttag gttcttgccc aggaatccac ctcttttccc 120
 ccaagcccaa caatcctttg aggtactcat gattgagcgc gtgggtggggg ggggtgggga 180
 agaggctgca tgggggtggg gctcctgtgg cttcacgtca tccactgtca cctctgggtcc 240
 ccaagtctct ggatcctttg gtctcacctc tagacaaccg gcgggggttca aaccttcttc 300
 cctggcaact cctctctgtc ccgacaaaat ctctcccaag gcattgtcct ttagtagtaga 360
 tttacacaga gcttttgctt ttataaagtg cgttcatgcc cagcttctca cttgcatgtc 420
 atagcacccc tggtagaggtg gacagggaag ggatggctcc ctccattttg taggaaagtn 480
 gggg 484

<210> 116
 <211> 513
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA193197

<220>
 <221> unsure
 <222> (1)..(513)
 <223> n = a or c or g or t

<400> 116
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 ccatttatta cacttctgaa gtaggatttc tgaagtcac ttatggcatg taattcttag 120
 tataatgcac aggattcctg tcattttgaa gcacgaggag aggtttttga tatcttaaac 180
 attttttttag ttagatgca catattctcc acttccaatt gtaatagaaa atcagtttaa 240
 ggatacccta atgatgcaaa tgaaatgatt agcaaacaac tcaaatttag gagccttctt 300

tacaatccat	tgagtgaaac	agattcacaa	aataatttgt	tcaactgaag	atttaattta	360
ttattagaaa	atgggtttta	actctgatca	ttacattgaa	gagtcaatga	ctgaggtttt	420
cttacctact	ggctcatctc	ttagacaata	acttcttgaa	taatttcnac	atgagtgtct	480
gtacaagctt	ttaaaaaacc	gaataaatta	aag			513

<210> 117
 <211> 499
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA195678

<220>
 <221> unsure
 <222> (1)..(499)
 <223> n = a or c or g or t

<400> 117						
gaaaatttgc	ctcctggtaa	ccctgtaatg	gatggggccc	agaaatgaaa	tatttgagaa	60
aaacaagtga	aaagggtcaag	atacaaatgt	gtattaaaaa	aaaaaagcct	attaataggg	120
tttctgcgcg	gtgcagggtt	gtaaacctgc	ntttatcttt	taggattatt	cctaaatgca	180
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tcttgcagtg	tttaaggaac	tctttttttg	taaatcacgg	acacctcaat	tagcaagaac	300
tgaggggagg	gctttttcca	ttgtttaatg	ttttgtgatt	tttagctaaa	gagagggaac	360
ctcatctaag	taacatttgc	acatgatata	gcaaaaggag	ttcattgcaa	tactgtcttt	420
ggatattgtt	tcagtactgg	gtgttttaaag	gacaaatagc	tgctagaatt	caggggtaaa	480
tgtaagtgtt	cagaaaacg					499

<210> 118
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA196549

<220>
 <221> unsure
 <222> (1)..(512)
 <223> n = a or c or g or t

<400> 118						
tttaaaagta	tcaaataatt	ttattatgaa	agataagcca	tttattgacc	attcactttt	60
ctaaaaaaac	acaaatgtga	gaataaaaata	aacataccta	agactnactg	gcccctccag	120
gacaggaagc	agccctggac	angagagcct	gcaaacggag	ttnccttatg	nnnaatgtct	180
gaacttctca	tacattctag	gatttcatgt	ttcgttacaa	aggaaaggaa	actggctaga	240
agattcatgt	acaagaaggt	cacaacttta	aagctatctg	acgctaata	cttgtacaat	300
ctggtttgca	aactctgaga	gacagtatca	aataagcact	gttcaaagac	tactcccagc	360
taatccttta	ctgtcatttt	ctctttgaaa	ttgtcttttg	gactggntat	gtnctcactg	420
tagcttccgt	ttatcccaca	gccccaaanc	cctanagtcc	catgggtgcag	tctccatgtt	480
caaggtataa	aagtctgttt	tcaggacaa	gg			512

<210> 119
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA197112

<220>

<221> unsure
 <222> (1)..(463)
 <223> n = a or c or g or t

<400> 119
 aaagtataaa gtgtttttgga aaaaaaggaa aaaaatctat ataaaaaatct cttcacatat 60
 aaaatcctga agaagggtgca aggtgagacc cagtgcgagg ggcgtgctca gatatgcagt 120
 gtgtgtgtgt gtgtgtgtgt gtgtgtatcc gtgtgtacat gtgtgcacgt gtgtcgtatg 180
 tgtctgtgtg tctgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtggtgg gtgcaagtgc 240
 acgtgtggcc cacagagggt ggggagaaag cttggctttt tacttccatc caggagggaa 300
 ggagggcggc tggtcctcca gccttggagg gtctgcagct gggcgggacc tctactcagc 360
 caggctgttg cgcctcgact ccttctcctg gagggcggcc atggcaagac gcagggtgctc 420
 cttcagctgc tcgatctccc gctcagaccg tgtctngatg tga 463

<210> 120
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA205072

<400> 120
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 aataaacacc atcattcctg agtccacaga taagggtccc ggagaagggg cttcccctcc 120
 tttctcgctg gggttgacgtt cccagcgagt gaagcctttt ctggaatgtg tgtacgcacc 180
 ctccaccaag agttctaata agctaagctt aaagcagaac agtgaaatgg caaaactgta 240
 cagagccctg acttttacatt tcaactctgac agccagggtc ggaagcacca catggaaagt 300
 gctgtccata actgctcact tacctgctcc ttgctgacag ctcccaggat ctggctccag 360
 agagtggcaa aactgggaat tttgccaaagg gaaattactc aggaccgcta ataaaaacgc 420
 cggcttctgc aacatgcata ttccccccagc cccacactcc atcttgccca gggcagacca 480
 ttcattaact atctgcgggg tgaacaaaga at 512

<210> 121
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA205376

<400> 121
 aagatttgaa tttttttttat tatcccagca aacattacac tagagaaaat gattgggaaa 60
 atacaaataa gttcatttaa aacacaggct gattattcat atctattaca ttcagaatta 120
 tgcgaaacaa ttagttatat tgcaaagctg taattctttt tctaacaaag catgatttta 180
 taaaacttta atgttgccac tgattcaatt ttaatacaaa atacttatat acacaatata 240
 atataaaagt aaactgtgta gtgccttcca caaagggata tattaaggcg ctttacaat 300
 ataccaatat tttgacccaa attacttttt gcttttagatt aaaatgaaca ggctaaatgt 360
 tccactttta ataccaaagg gatgggtttat taaaaatttt ttat 404

<210> 122
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA205460

<220>
 <221> unsure
 <222> (1)..(282)
 <223> n = a or c or g or t

<400> 122
gattttattg gaaatacggg tctagagcta gtggaagaag ttatatattag gagtcatcca 60
caaagaggct tgagaaacaa atgaaaatgt attgagaagt gcatagagaa caatgttnag 120
ggggctgtgg ggaaaaaaca acattttggaa gataactgaa ggaaatcata gaggaaaaat 180
agtacaatct aattttttct cctaacctga aagcaaaacc actttttaata ctaaganttt 240
attatgatct ctccatgata ctaccatttt ttcaatccca ac 282

<210> 123
<211> 523
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205724

<220>
<221> unsure
<222> (1) .. (523)
<223> n = a or c or g or t

<400> 123
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tgagagtagc tgcaaggaga atgtctcttt ctcatgacaa ccaaagcgac caaaccatac 120
cctaaagcag agacgcaatg gaataagtca acgggcattg tagaacgaca ctcagaagca 180
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gggttagttc tttaaagcaaa aaacagaaga aaagtatgta tatataatan aattaaagaa 360
cgatagcatg ttataacctg aaaggaccgt gggcactaat ctgcactttg ttccaggtaa 420
tccatggctc tgagagtggg cacactgtca aagtcactgg ggtgagatga gccgggactt 480
ggaaaaccct ctcttaactt tcagtctcaa ctctctccac tcc 523

<210> 124
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205947

<220>
<221> unsure
<222> (1) .. (449)
<223> n = a or c or g or t

<400> 124
tttttttttta aacataacaa gttttcttat tctttattag ttttaaaggaa gctagaacct 60
aataacaata cgccacatac gggttcagaac caaacaagaag ctgcttagtt atttattttg 120
catttgcatc ttgtaggaag tgagaaaaaa acagctctat tgggactcaa gtttattttc 180
aattaaaatc cccataaatt aggaaatgtc ttataaaacg gagaaattgg aaaaaaatgt 240
tattcagaaa aaaactttct tgagtgtgct tgtttcctgt agcaccttgg attttgtgat 300
cagtcctttta aagatatatt ttaaaaaaatt caacctctgt cttcacattt aggacagggc 360
ataacagtgt cttgtccttt catgcaaata agaggnaaaa tttataactg cntagtttcg 420
agcattgaaa gcactcgccc caattctgc 449

<210> 125
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA207103

<400> 125
 acgatagtta cttttgttat gtatttttacc acaatttttta aaaagcaaac caaaaccaac 60
 caagagtgtt tccccacac ctcaaaatca tcctgcagca gctccctggc ccagctctct 120
 ctcaccctga ccctggggccc ctctcccacc acccaggggt agccctgtgg accaaccatc 180
 tctgccagcc cctccccgac cctccagcca gggaggtggg gcgctggccg gtgaatgggg 240
 caggccaggc ccaaaggctg gccaaagggt caccagctct ggactgggag tcccgctctga 300
 ggtgggggatg accaacaatg cagctctggg ttttagcttg aggatgggca cattcaagca 360
 ctgacagcca gcaagcttgg gcacagggcg atgcttaacc tttaaaaaat cgggta 416

<210> 126
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA211300

<220>
 <221> unsure
 <222> (1) .. (437)
 <223> n = a or c or g or t

<400> 126
 tttttttttt tttttttttt acaatctgga atatataatt ttnattagtt ctcagcagtg 60
 cagtaaatga acaacactta ttaataatta atttgggaga gaatagcagg agggaaaaata 120
 taaacagtag ctttttgtga ccatttttta gtagctgaca tctcagtatg tttctggaat 180
 gaacaaatta aggggtgtatt gtatatagtg atttaaataa tcagctttct tatagtctta 240
 tcaactgaga ttataaaaatt gtaaacacaa tttttccatg tttacatcta ctagctttca 300
 tttggacaca ttaaaccata cttttccatt atgtagttaa ttcatttctt gagggcctgc 360
 ctgccattag atgccagggt cttatctaat tttccagtta gttactgttc agcttaagtc 420
 actctacttg gttggtn 437

<210> 127
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA211443

<220>
 <221> unsure
 <222> (1) .. (587)
 <223> n = a or c or g or t

<400> 127
 catttagtca aatattttatt tgaactcata caaagtttag tgacataatt taaaagggtga 60
 agaactaaaa cgcattccaa atattgacca aaatactgta ggaagtagct tgggaaactt 120
 ttcattcaaaa tcgttaggca cattgccata tcatttccca taaaatcata tccctcctca 180
 aaaccacacc ctccagggtg tgaattttat ggctaatttg ttctgtgagg tgccaaaaat 240
 gaagataaag taagaaatac agccaactag aaggaagaga tataaatgta caaacaggcc 300
 atttctgcta gaggctcagg cattcaggag gttcacaatc atcatacaaa tatataaaat 360
 ttttagtgagc tattgaatcc atcttctgcc tctttatttc ttcacatcaa tccttttttc 420
 ttcctactac tggtcagctt tggggacata ttttaggttc acttttaata ttctggattt 480
 ccgatagatt gactgcaggn ccgggaggtt cctcgctccn ggaattggct tcttctcctc 540
 atccgaggtg ggaggacacc ctctccact tcgggggaca ttctttt 587

<210> 128
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA211835

<400> 128

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gttggtcacga ttttcatttta gcgttttgcca aggctgccat tgcaagacac aggagcgaag 60
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tcttcccgcc ctacacatag aaacctgggg tcacctccct gtcctcgact cactgtgtga 180
cttcaggcag aggtcaccac cctctctggg ccctttcatt ctctgctatg gactgagtgg 240
gaccagcttg gatcaaaatc ctcaaacctc atacaacact gtcagcagct tttcctgtat 300
ctgcctgtta cctgaactat taacagtttt ctttaaattg gctccttt 348
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<210> 129

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA214688

<400> 129

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ggggcccatc tatcctggac acggcatgat gttcgtccgc aacgattgca aggtgttcag 120
attttgcaaa tctaaatgtc ataaaaactt taaagagaag cgcaatcctc gcaaagttag 180
gtggaccaca gcattccgga aagcagctgg taaagagctt acagtggata attcatttga 240
atttgaaaaa cgtagaaatg aacctatcaa ataccagcga gagctatgga ataaaactat 300
tgatgcgatg aagagagttg aagaaatcaa acagaagcgc caagctaatt tataatgacc 360
agtttaggaa aataagagct ca 382
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<210> 130

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA215379

<220>

<221> unsure

<222> (1)..(477)

<223> n = a or c or g or t

<400> 130

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acttttttagt agagacaggg tcttgaaatg ctgcctaggc tggtcttaaa ctctggcct 60
caagagagcc tcctgcctct ttttttcctt ttaaaataag aactatcact gttttcttct 120
ccttcttttt tttttttttt ttttctctag caactattgc caccctggcc ccaaaagtta 180
tttatagagt acattggtag taattatact tacaatttag tccatggagt gcaggaccat 240
gaggaactat agctagataa gattgtgcca gaattagaag aatagacatt ttactttcag 300
agaccatgac taaaagaata ttaacaccaa gatgctcctt ccatcagctg gatgtacctt 360
tgggcttgga aagatggcaa gtataggagt tgtactggaa cggctggatc aaatagggtg 420
aaggcatttt tgtcattgta catgtgggga aaagcaacca agtaataaga cnccacn 477
```

<210> 131

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA216589

<400> 131

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cacaaattta agtttggttt atatatttta ttgacatggt tactcaatgt ccacatcatt 60
```

```

ccatctgcat cgtcttccta caaacagttt ttcttctact attcggttat ttctcctttt 120
tttgtttcct atttcagaat caaatattt ttacttgcaa agtcagtgga atatggtttg 180
gaaccagtag ggcctctaac ttaagcccag aacctgtcaa agagaagtgc agtatcattg 240
ctaagacttg aacagtttat ctctcagaat cttcagttcc tttgaatttc tcagctctta 300
gtgtaatctg ttttatgtgt ttgttgtaga cttccattta tgggatagat ttccaaaata 360
attttgggta atccaactgg gtatttttagc attcccgg 398

```

<210> 132
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA219100

<220>
 <221> unsure
 <222> (1)..(378)
 <223> n = a or c or g or t

```

<400> 132
tttttttttt atgcttgaac taatttattg atgagattct catttctgta gtataaaagg 60
aaaatatatt gcagttatct cgtatttgaa agactttgcc atagagaact ttatcagaaa 120
tggatgaact tttcattatt tcttataagc atattggttt tggcctgctt gagtttaaaa 180
cttttttttg tagacntaga atgttaatat ttagataaag aaaatatatt acngaagaca 240
ttaccagaaa gtaaaataac ttgaacattt cngtatttag ncnttatcag agaataacat 300
ttattttatt tggaaagttt tccnaaatat gagacnaten gcnatttctc agacnaagtg 360
aaaaatttaa taaaatag 378

```

<210> 133
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA219304

<220>
 <221> unsure
 <222> (1)..(444)
 <223> n = a or c or g or t

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<400> 133
gcttgggcaa aagtcttcag aacaaaggct gtgagcaggt gttgccctgg ttcttgccat 60
atcgctcccc aaagggtgctg taggagccat catagtgttt gtagttcaac tgtctctggg 120
aaccagtgtt gagatagcca atggcttgga cttgacctct ggagtaagct gctgtgtttc 180
atttagataa tccagtacat agatgttagg agcaaagagg accatattct gctctccaca 240
gccatagggc atctggagaa gattttgtgt gttttgcatg gcagagctac atatgtctcc 300
caaaactgag acagaagctc gggcagattc ttctaccaca tttgggtggc gtttcaggga 360
taattcttca gaaacctcan cacctgntgg acnaagtagg gagttgaatg ttgtttcctt 420
ctctagtcct tcagggtcaa ccaa 444

```

<210> 134
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA219552

<220>
 <221> unsure

<222> (1)..(341)

<223> n = a or c or g or t

<400> 134

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tttttcagtc atgattgggt taaaagttta attggagacn ttgccggtgg nnaacaaaat 60
ganggcatac aactgtcaca ggcagggcag taagtacaaa gtctagctgt aaaaaccgtt 120
tgaaaatata aactcgtttt tggaatacat gtgtcaaagg ctgcccatgt taataccttt 180
ggtataaaac ggtaacgatt cccttgacaa acccatccat cacctgacgc acattcacat 240
ctcctggtaa ctactctacc tagtctagtc tcaaccaccc ctgtcagtca cgactcactc 300
ctgttccttt gcaggtgcag aggagcctgg gaggtaggtc a 341
```

<210> 135

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA227926

<400> 135

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atgtaaacta tcaaattgttt attttaaattt ccattttaaaa tattttcaag taaaatatgt 60
acaaaaatgg ttataaaatg gttgaagcaa ctagaagcgt gacagggtata atacatataa 120
atacaaccaa aattcaattc aatgcaaagt tgaatgacat catattgcac caaaatttat 180
tccatacaaa agcacatgca tcaagagttt ccataagatg aaaacaaaca cacttacttc 240
atagcatctt accacttact tacacaaata gcccataaac accatctggc attgtgattg 300
cagtaccaga actctcccca gag 323
```

<210> 136

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA227936

<400> 136

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tttttttttt tttaaaaaca gaagcgcgac catttcttta tttaaattata caaaagggtt 60
ggggaggggg gcagctgtgg ggctcggcac accccggggc ccaccccggc ctggcgctgt 120
ctgagaagag gggatctgag ggagatccag ggatcaggca ggatagggat ggggcaggac 180
atgaggctgg gggatgcaga ggtaggtgg gagaggctac cggagtaaga atgaggctgg 240
taggggaggg agaaagagag caaagagaga gaggagcaat tgggggccag ctggagagct 300
cagatggagc aggtcaggag gtggaacaat ggcagagtga ggggtggagg cgagtgctct 360
ggagaggcgg aatgagaag gctggggaga aagaagaggg tggcagctct ggtgcagggc 420
ccagagcagg gagccagggt aagagtggct ggactttgct gccccacc 469
```

<210> 137

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA228020

<400> 137

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ctacttcgct tccgttcctt acttttgctt ctctttcgct catgactacg acttctgctc 60
ttgctttttt tcctcttttt gctacgttct tcatggccgt tggactgctc aacttggtct 120
catcctaagc agggttgata gaagaacatc atgaggacga agtggtaaca tttcaagttg 180
tcaaagggtg aagggaacag gaataagaaa atacaaaaca attttaaaac taattattta 240
cttatagttt aacatggaag gctataaaag aatttagatg ggtatgtgtt taaccacttt 300
gttgcttaca ttttaagtcac caagatac 328
```

<210> 138

<211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA232266

<400> 138
 atttttctac tttcttttaa tatcattttt taaagttggt aagcagctag acatcattta 60
 gaagcagacg ggttaaaata gacaagaaat agcaaagaca catccttcac atcgtaacaga 120
 actgtattag tatccaccac caccatcaca ggggagggct agctgtcact ggggtcagga 180
 gtactctcca ttattgtgca ggggaccaga cagcatttag gtgtgacgat gtcaaactga 240
 gtggacatag agagtgccgg gatcaaggct tacagttttg gctctagact tgcgtgaggg 300
 ttggttactc ttaatctctt ccaggctgtg ctggatccca tagccgaagt agatagcaaa 360
 gccaatcagc atccagaccc caaatcgggc ccaggtagca gctgtcatct gcatcataag 420
 gtaaataatc acagagatgc tcattagtgg gaggagaggg aa 462

<210> 139
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA232508

<400> 139
 gaggggtacat cgggggagag gagaggagag gagagcctct ctgtgccttg gtttcccatt 60
 tgtgcattca gggcctctgc aggctcacac agggagtctg aggggatagt gtttaagtga 120
 gcactcagggc ttcctctgag gaaaagaaat gaccaaagtg cagactttta ttactgccat 180
 tcctgctcct aatgggagca ggagtcaaaa ggaaaaacaa attaaaaggg gctaattgaga 240
 aaggaggaga gatgagacag agagtgtgaa gggctatgcy cgtggcatct cataaattct 300
 tattgagaat ggcacaggta ttaaaaaagt ttctgggtag tctacgagaa atgtcaatta 360
 ttatctctac tacaactact tacatatatc taatgggaaa a 401

<210> 140
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA233347

<400> 140
 gctgcaaaca tgcagagatt tcattttattt tgtttggcac atgggaacta cattttgttc 60
 ctattatctg tgtgtttcac tttgctgtgc agattttcat ccaatttttt tcaggggagg 120
 gcatatacat ttgtagggt gtatctatcc aattctgcct gtaacaaaca cccaaacatc 180
 ctaaaatata aattataaga cagacaagtg taatgtaaaa ctctggagaa catcaaagaa 240
 aaatggccat gcatctgctc tttaatgttt tcctacgata tattaaaata aaaacaaagt 300
 ttcagtctct tcacaagaag taatttatat tctctgaatt ttttcagcca caacaactgg 360
 attctctttt ctgattttttg ctgcagc 387

<210> 141
 <211> 182
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA233545

<400> 141
 tatgagtggg cggcagacag ctatatattag tgggtgcctcg acactcacga accgccagcg 60
 tggcgccctg atcttgccca gctgccagct cccccacca ggactgtggg tcctcagttt 120

ctcctgccag ccccggtca tctcagggca aagctataga catggtagat ctcatcgggg 180
ag 182

<210> 142
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA233854

<400> 142
tttttttata aaaatgtgtt ttattgtttt aaaacaagtc tataaaagta gaaatcacat 60
acaaaaatac agattactct gacatgttgg caaaatagct tatggctgga cttgagtttg 120
gaagttctgt atgtttgagg gcatccgatg tcagagtcca accggatcct aaccccagct 180
cttgtcacta atctgtaaac aataatttca agtagtattt agcacttttt aactattaag 240
aaa 243

<210> 143
<211> 217
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA233935

<400> 143
tcaaaataac ataaatcttt tattgaaagt cactttacta atgtttacaat gggagtaaca 60
tagaaaacca tggatatctta ttagcttccg aagtgaatac taataaaaact gtgccagaaa 120
tttgaacctt aagttacagt gacctttaa aacatcaaga ttttgtttac ctacaatgta 180
agaacaattt tataacttga acagccataa aacaaat 217

<210> 144
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA234095

<400> 144
attaatgcaa acatattttt attaaagaat gaatgcattt atgctaaaga atagcttaca 60
tatgttgtaa agcaacaagc atatcttcaa gaagtgaagc ctcctcaata tgactccatg 120
cttattctac atgcctgaaa actgggcca cacacagggg cacacgtaca cgcacacaaa 180
cgcagatacg gacacacaga tatgcagacc gaaatgctga caccatcgct ctctagattg 240
gattagctct catttaagge ttcttaggtg ccgcagtgcc cctaataatta ccaggattga 300
aaacagactt ttaggaagga gcagcattac ttcgaaaagt agtcactctgc tcttgctctc 360
caatgtgtgt attttaacaa ataccattta attctatgtt gac 403

<210> 145
<211> 103
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA234634

<400> 145
cagctcacgc gggacctggc cggcctcccg agtctcttca agcagctgcc cagcccgccc 60
ttcctgccgg ccgcccggac agcagactgc cggtaacgcg cgg 103

<210> 146

<211> 185
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA234831

<400> 146
 tttttttttt ttttttttcc aattttaaca tagaacttta ttgaaaacac agactcaaat 60
 agagaacccat atattttaaac aacgaatagc agggtagctt acttaggtga cacagttcat 120
 tgaaaactta atactgaaaa ataccgcaat ctggacagca agacaaatat caacaaatgt 180
 gtttt 185

<210> 147
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA234996

<220>
 <221> unsure
 <222> (1)..(291)
 <223> n = a or c or g or t

<400> 147
 ttttttgaag cttcacacct ttattgtgtc cgggggcgctc cggggcctca ggggtgttcg 60
 tagcccgtgg cgagagggtt cacgtggcta ttgtggaaca gagtgtggtt gccgtcccc 120
 caggggtagg gcttggtgcg gatcggaggg tggttgtagg gacggaactc ggggcgcggg 180
 cggtagccag nantggagat aggtagtga aggtgcagag ggccacgctg ggcagcgcag 240
 catcgaaggt cagcagacgc caggtacgag ctctgtctcc tccgtggcct t 291

<210> 148
 <211> 139
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA235310

<400> 148
 tcaacaaata tttattgttc atcaaagacg agccagattt tatgggcatt tgtgatggag 60
 gctggcctta gctttaggag aaggaactcc aagagcagta gtgatctctg agatcacctt 120
 gttcaccttc ctccgggca 139

<210> 149
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA235618

<400> 149
 acaatttaaat aatttattac attacagtgg catcacacca gcagtcaata aggcactct 60
 agggaaaaat ctttcagtat ttccatgaca cattctgttt acaataattc ataaactggg 120
 aaaattcatt ctaagaaaac ttggcaaatg aaactttgga ctggaattgg catttctttc 180
 tctgcttttc gttcccacca tttctttctt ttatactaca gtattcatat tttaaaatgt 240
 tttaaattat ttcagaacat taagatagca gttacathtt ttaatagtta tattatttta 300
 aaatgactct ttaaaaataaa gtttttagaga aactatatta tggatagggc tgatttacat 360
 tttcaaattt tctaaaatca gc 382

<210> 150
 <211> 175
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236241

<400> 150
 tttttttttt tttttttttc gcggtcaacg cgctttattc cgaggggctt cagatacaga 60
 tgaccccagc cctgcatccg cccggaagcg tccccttact cccatggggc acctcgatac 120
 cagctgcctt gccctgactc acttctcagc acccatctta cggcagtcgg ccctg 175

<210> 151
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236286

<400> 151
 tgctttcttt ttcttttttt ttcaataaac aaagttttct cgcttctgcc acaatagtaa 60
 aaccatctga tcttgacaag ataatggtgt cgttgacttt gcttttttct tgtccgttgg 120
 acaaaattgg ccaagaatat aattggactg ttatgaccaa taaaaacgaa gtttaggtca 180
 agtcttgtca ggatagcctg actaaaaaca tctggctcct taatttataa tagttcagac 240
 aaccagattc ttgctgtggt ttatgttagg ttaacacgct gaactttaag aagctgtaga 300
 ctgcagtttg ttgttatgag acctgctagc tttgaagcct ttcaatttct gtacaaagaa 360
 tgattcgaga acttctgcac actggtaaaa tggggagtc cttggattgt agtaacgaca 420
 gttatcaaaa attttgggtca tatctgccac aaattccgtc agcttttcat aatctcgtct 480
 ttgtactctt tcttccatgt tggcaaggct cataggttg 519

<210> 152
 <211> 539
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236453

<400> 152
 agattggacc aatctgaagt gggcaattat aatgggttata ctgaagatta tataagagta 60
 tcattgtcca gtatttaca aagaaaaaaa taaaaatata acctatggga tgtagtcca 120
 ttttgtgctg ctagaaggga atacttaaca ctggcaaatt aatacagaaa agaggtttat 180
 tagcctcagt tctgttggct atacaagcat gacatcaaca tctgcttaac ttctgatgag 240
 gcctcaggaa gcttttatgc ataataaaag gcaaaggggt atcatggcaa aagacaaagc 300
 aagaggaata tcagtttttt gtttgtttgt ttttgttttt aacaaccagc tttcacatga 360
 actaacagag aacacactaa ctgcagtggg aagaacacca atccattcat gagtaatcta 420
 caccatgac ctaaacacct tccactagac cccgcctcca acatggggga acacatttca 480
 acatgaggta aggcacaaaa aaccaaagca tatcacataa aaaaaacctc cccaagttg 539

<210> 153
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236455

<400> 153
 tttttacgaa accaggttta ttaaaatttc tctacaagtc agaaacggcc atctcactgt 60

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tcacatatat acacgtatgt acaggaagaa cctagtgttt ctagctttcc cggcagaagg 120
ccctgccagc ccagagtcct tagtcggata atgtatcaca gatacaacag tcgagcaacc 180
acgagagcgt tagtgcgaca gaggcctctg tcctccctct tctcaaagtc ccatgattct 240
gtcaaggtaa tattgccaat aatcattcac atttcacgtg gtttttagaca cgcagggttat 300
tcagacagac acagacaaca aaacaagcct caaagccaga acaaaaacaaa acaaaaccaa 360
atcgaacata ggtataaaaag gtaaaatata tgtacaaagt a 401
```

<210> 154
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236476

<220>
 <221> unsure
 <222> (1)..(533)
 <223> n = a or c or g or t

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<400> 154
tttttttttt ttttctcatc actgagtatt tattatatat aacaaataca tgggaaagaa 60
aaaactatat tgtgtgatat aaatagttta ttacattac agaaaaaaca tcaagacaat 120
gtatactatt tcaaataatat ccatacataa tcaaataatag ctgtagtaca tgtttttcatt 180
ggtgtagatt accacaaatg caaggcaaca tgtgtagatc tcttgtctta ttcttttgtc 240
tataatactg tattgtgtag tccaagctct cggtagtcca gccactgtga aacatgctcc 300
cttttagatta acctcgtgga cgctcttggt gtatttgtctg aactgtagtg ccctgtattt 360
tgcttctgtc tgtgaattct gttgcttctg gggcatttcc ttgtgatgca gaggaccacc 420
acacagatga cagcaatctg aattgttcca atcacagctg cgattaagac atactgaaat 480
cgtacaggac cggaacaac gtataganca ctgtagtcct ttttttcaca gtg 533
```

<210> 155
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236477

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<400> 155
tttttagttt ggtttttgatt ttaaactatt tattattgaa atttcaaaca catacaaaag 60
tagaaatatt agaacaataa gtctccatga acaaaacact ccacttaaat tatcaacatg 120
ttgccaattt agtttccagc tctctttgccc aattattttt cttttgctag aatattttta 180
tccaaatgtg tctatcttca tttcatagta tgtatctcat atcatagat cttttatttt 240
ttataatcac actgacataa tccctaacca aattaatata tgtaaatatc atttaatat 300
tagtccatgt ccacacttcc ctactgtct ccaaaatggc tttttatgtt ttgttcaaac 360
caggtccaag taatgccaac atactgaatt tagttgatat gtc 403
```

<210> 156
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236545

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<400> 156
tttttttttt taacgttttc aaaatctatt tttatttttc ttcagtatta cctgctgttc 60
ccaagtggct gggtaatcta tgggttatat tttcatttac cctcaaagct aggctgccag 120
tggaagctaa gaataacaca attaaattca agtttctcta gaaaatatga caaatcaa 180
tttaagaaag tgtaacttgt ggttttgctt tgggttcaaga tggctgatct gagaatatca 240
aagcatttaa ttcaaactaa tagtgtgtcc tcatcctagg actagaaggt aatttttctt 300
```

ttaaggag

308

<210> 157

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA236822

<400> 157

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cagatattat ttaaaagatt aattaggatg tttattttatt tattttttag agatgggggtt 60
tcactatgct gcccaagctg gtctcaaact cctggcttta attaagtgat tctcccacct 120
cattctccca aaaggctggg attacaggta tgagccacca cgcccaggct tattttaatt 180
tttttttaaa tctaggaaca actgttaaac ctatatactt actacttgca gttccatgat 240
ggcaaatgac tgacagaaga tcatatgtca caatttgagc tggactatcc ttagcaagaa 300
atggctgaag atccaagcct tctagcggaa atgaaacatg ggtactgatt ttggtggaaa 360
acattagttc atgtctgaat cttttaagggt ggatgcacaa atctcaggaa agttttgtac 420
tttacaaaac ttcactccat ttctcagctt tttgcatttt tcacaactgt acatattgtc 480
accttttagt tcatctctgg caaagaaggc agcaagacaa tcttgcaagg ttac 534
```

<210> 158

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA237011

<400> 158

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tgcaaacaaag atccatttag tggggaagag gggactatta aaagctgcta gaaaactgaa 60
taaagcaaat caagactgag aacagttcca actcccatca atctccaaac agtgacaggt 120
cggcagcaac tcctttcctt tatttcttcc ccttgtaaag ggaaattcaa gttcagcagc 180
attcctttcc tgccccaagt cctcaaccag acaagaggct gcaggcacca aatcttgggc 240
tggataatgg caaaggcctc agaagctcac ctccagctct gagcttcaac agctgtttgt 300
accagtgaat cagcattaaa tccaccagaa aagaacagca ccacccaaag actggggggc 360
agctgggcct gaagctgtag ggtaaatacag aggcaggctt ctgagtgatg agagtcctga 420
gacaataggc cacataaact tggctggatg gaacctcaca ataagggtgt c 471
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<210> 159

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA237034

<400> 159

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gttggaattt agaccacaat cactcccaag tgtcttcaca gttcagacag gcaaactatt 180
caaaaggcgg cctctggggc cgctctcttc tttcacacac acacacactt gcaggctgtg 240
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atgaccacac aggtcagcag catcccacct atcataaagt acttgtcctg gaaagcccgc 360
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ttcttctgag tccccctcaa ggtcagcttc tgggtcctca gtccatctaa aatattgtgg 480
ccatctaaaa tgaggtcatc catgccgttg ggaccttcg gaaggaagga gttaaactgc 540
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<210> 160

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA243416

<400> 160

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ctctgtataa tatagcaciaa tggaggtggt tctgatcaaa attttactcc tattttccat 180
ttgatttagc atttaattgt atattaggat tgccccgctc ggttatgctg gtgatatcag 240
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aactggactt tccagaccca actggaccca ccaaaagaat acgaatttct gaaaccaagt 360
ctgcataggg cctatagtct ctgatgtctg ctagaagcct atttctgtgc tctctggctt 420
taattatcct ctttatgtc 439
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<210> 161

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA243698

<400> 161

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acaaccacaa aaagtaaaaa ctttaaacaa acatgaacag gatttgtttt tagggcacac 180
aaaggccctt gcagcagatt ccaacagtag ctttactggt gtgtcttcta cagatgagtt 240
aaagagacag gctgagctcc acacaggcaa gatgactaac agggcgacag gacagtcaca 300
cagggcggag tgccacaccc ggctataatc cccagattcc actgcagagc tggctttgtg 360
cgtaggaggg acacaaagaa aggtgattca ggcagacatt attcaaaagc tacttcgtcg 420
tgtaaccatt gaataatggt tgggaaagct ttggg 455
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<210> 162

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA243763

<400> 162

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gaatagaaag gagaaattag aagtggggaa ttctgagagg ctgtttttaa acatggtaac 120
tgggaaataa ttttgacaaa atttcatag gtaatgaagc ttcatatgcc cttactgcct 180
aattaaaagg cacctaataa ccaattttat ttgtattaat tgtattggga ataattttct 240
ctaaccttct acctttcata aggaaaaata caatccgtga acacctagat ggttctgttt 300
tcaactgtatg gcacaaagta tcaatgatth aactgtggag agtagtatca agtagaga 358
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<210> 163

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA247204

<400> 163

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acacaagctg ttgtcagtgg ccggagaagt agaccccggt aaagagaccg ggaacgagag 120
cgagaccgcc ctagagataa cagacgagac agagagcgag atagaggacg tgatagagaa 180
agagaaagag agcgattatg tgatcgagac agagaccgag gggagagagg tcgatataga 240
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09060706-092404

agataatggg cttttggaag cactgattgt ttaaagatac aaaaaatcctt gtatttt 297

<210> 164

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA248555

<400> 164

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tctcacaggt	agaatgaact	gtgtactggc	cacatatgga	agcattgcat	tgattgtcct	180
atatttcaag	ttaaggtcca	aaaaactcca	gctgtgaaag	cacataatgg	attttaaact	240
gtctacgggt	ctaacctcat	ctgtaagtgc	catgcctgga	gaagctaattg	ccacctaatc	300
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<210> 165

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA248802

<400> 165

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gccgcagcgc	cgcccccgcc	cgtctcctct	gtccctgggc	ccgggagaca	aacttggcgt	180
cacgccctca	gcggtcgcac	tctcttctct	gttggtgggt	ccgcacgta	ttcccgggat	240
cagacgggtgc	ccatagatgg	ccagctttcc	ccgaggtcaa	cgagaagaga	tcgtgagatt	300
acgtactata	ggtgaacttt	tagctcctgc	agctcctttt	gacaagaaat	gtggtcgtga	360
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<210> 166

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA250850

<400> 166

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gtcccgaactc	ctctcgggag	cctggaggag	tcccggtagc	gaatagatca	gatgcctcat	180
cctcgttcac	cccaaaaaggc	tgagaccctg	gtgtgtcctc	ctcgaggacc	ctccctgttt	240
ctgggtgcta	gaggccgttg	ctgtttctgt	gacagaggga	tggtctttggg	agctccaaag	300
aacctaacca	agttttttta	agaaattcgg	gggacgaagc	aataaccgct	tggtcccttt	360
gaaagtttcg	ttcaaacttt	tttcaactgt	aaaaaactgg	ttaatctcaa	attgtaaaaa	420
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<210> 167

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA250958

<400> 167

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tccctcccac tgtgctcctc aggcaataga tgattggcta tttctttacc tcctgttttt 180
gcctaattag catttttagtg agctctctga ttggttgggt gtgagctaag ttgcaagccc 240
cgtgttttaa ggtggatgcg gtcaccttcc cagctagggt tagggattct taatcggcct 300
aggaaatcca gctagtcctg tctctcagtc cctctctca acaggaaaac ccaagtgctg 360
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<210> 168
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA251769

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<400> 168
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agcctcaaaa aaataaaaaat aaaaaaatta tccagtgggt atgaggagtc taggaaaacc 120
tgtcccagta atgccaaactt ggaggtgaag ggctgactgg ggcagctgag aagtgggacc 180
ttctgttttg caggcttcct ctcccttgcc tggatcatgg tttctggtga gaagagtgtt 240
cctggccttg ctggaggttc ccattggccc gaactaacag tgtttttctg aaatttcgac 300
ctgctccgtt tgagagagta gaattccctc atcaagtcct ccacctccca ctgctcttcc 360
ttcagcctct gg 372

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<210> 169
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA252219

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<400> 169
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gaacaagact gacaatttct tgcccattaa gggttacatt ctaataagcg ataaagacaa 120
caataatacc agggagctga gtaatctaata acaaagcaag acaaagccag ggtcactgga 180
agcagcagtg gtctttctga ggaagtgtga gctgatcacc aacctgaatg aagtgatgta 240
atggaaaata gaagtgtttg aaggaagatt gcttttagta ctgaggagga gagaggaaag 300
aggagaaact gcacaagtgg gtagagatgg gaaagtcctat ggcctatggg gaaggtgagg 360
aagttgactt ttattttcaa tgtgccgtg 389

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<210> 170
 <211> 281
 <212> DNA
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<220>
 <223> Genbank Accession No. AA252528

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<400> 170
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ttagggcaca ctgccctgcc ggcataagca cagcttcacc acccaggaag ctatgctgag 180
ctttagtgtc cagagttttt attagggttt catgatgtac tgattaaagc actggccaga 240
tgattaaact cagcctccag tcccccgccc cataggtcag g 281

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<210> 171
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA252802

<400> 171

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aggttccagg tgctgaaaat gaacaattac atacaggaat agaggcctac tctgcactta 180
aaaatatctt caaaaaagtt gctggtcaag gagtatgcag caatggtcct tcctgttgtg 240
aacattgagt cctagtgggt gaggtgtggg ttgttactat taaaaatcct tgttgtattg 300
ggcacaagat agactgaaat tgactgtagt cctcacggtg agtctaattg cagcaacatg 360
tgaaaaagggc aggcaagagc tgagtcagga aaatagacaa gcagggtacc tt 412
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<210> 172

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA253361

<400> 172

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acttctacaa atatatgaag gaaaatgtaa acaacagaga aataaaccag catctcacag 180
aagagaaaaat acaaatggaa aataagcaca taaaatgttt agacttacta atattcaaaa 240
aatacaaaagt aagataaaaa taaaataccc ttttatagct tctaaattgg ccatatgaag 300
aagtctgggt gagagaaaaa taggttaaag gaactcataa gttgctgata agagtttgct 360
ttggaaaaca atttgtcatt ccttgtaaag ttgaatattt gcatacccta agacttcc 418
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<210> 173

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA255480

<400> 173

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tgcagattct ggaggggtct cgcttgccca tcgctggcag cccgagatcc tggggagggg 120
atgccatact gctagagatg agggagagaga gcccacagca ggaaaacatt gatttgctgt 180
acactcaaag ggcattctcat gccttcagtc caccgcctcc tcggggccaca gcccggtgcc 240
tcgcgccggc tcagactagc tctggccctg ctgctgtcgc tgcagggtgt cgtcttcttc 300
ctgggtggtcc tcgggcaggg gcggct 326
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<210> 174

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA255966

<400> 174

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cagcaagata taggcttctt tgggcatgtt ctgacatgtc tgtctgagtg aacttacacc 120
aagtaacatt ggccctcagg tcaaatttct acaattagtc ttccaacacc cattttttat 180
aatgtcacgt actcttcaag ttcttagaaa acacccccca acccccccca aaatttacat 240
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ggtctgcctc aggccttatgg gcagctgaga cagcccatga ctgttgtgtc ccatctgtaa 360
gaagtagaaa ctactgggtc agtcaccacc attgaagaat actgtagctc tacaacagca 420
aatgggcatg attttgatga a 441
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<210> 175
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 175
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 tgaaggtttg caaagggttat ttgtgtctta gttattttctg cacttaatga cacatcagac 180
 gcattgagta tatttcataa gttgttgact agcaaagata caatcattag taaccaagct 240
 cttcaaaaatt cacaccaaac tttatgaagt cattcagaaa gagaaagtca atcctaaaat 300
 taaaattggc aactatgata aataccttca aaaggatgta gatgtaattg agatgtttta 360
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<210> 176
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA256294

<400> 176
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 caaattaaaa aaacagaaaa caggaagaaa ggaagaagg caaaggccac acgcacaggc 120
 cggcccgcgt cacgcgcctg ctggacggca cttcagggca caaccacac gcgtcttttg 180
 acttgcagac attccgcgag gcttctggcc tctcgaaggc aaagcttttc agcgatttca 240
 ttaatatattc attacgctga gatgagatga aggcagatgc tacagaaata tgtcagttaa 300
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<210> 177
 <211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA256486

<400> 177
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 agataatata atctgacagt gggacttttt aaagcagcag tatttcagga attacaattt 120
 ataaggggaa aagaaaaaca ttccaaatat gtttctgtt 159

<210> 178
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA257093

<400> 178
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 aatgtgtatt gaaacc 196

<210> 179

<211> 284
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 179
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 aagaactagg tttagaaggt gcagagacca gggcaacttc agggatccag gtagcaggaa 120
 ggaatcggtg gcctcttttg tatggccact atgggtggtg acactgtcta cggtgtttgc 180
 tgagtcttct ggctttcttc cactcttcct gctcttggac atcagactcc aggttcttca 240
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<210> 180
 <211> 423
 <212> DNA
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<220>
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<400> 180
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 tgacttgcaa atttttgctc ctttaaattt tctcgttttg tattttttact ctttcctaag 180
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 ttacatttct cccacatct ctgttcaatg acagcatgta ggtagcttaa aataaccatg 360
 gagtatttac tccagggaaa tcagaaaact ccatagacta gggctttccc cgccatagag 420
 cca 423

<210> 181
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 181
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 cagtagacgc agctggccgt gcacaggcag aggtctctgg taagtgcagg aagcagggtc 180
 acagccatca gcctcgaggt ggggatgaaa ggagatgacc tgggtggctgc gtgacagcca 240
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<210> 182
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 182
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 ctgtgtcata atggaaacag catattagga gaaaaatagt atttcgtgtg ctgtctgctt 180
 gagtaatcaa tctggagatg caagttaacc gaagtgcac tgccaagcca tcagcgtgag 240
 aaaaaaaaaa caccagaagt tgcctccaga taacgatgta gtggcagcat gataactggc 300

atcaactcac ggtctttctca ttttcccat tttctataat tttcctcttc ttttcatcta 360
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<210> 183
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 183
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 aaccccatat aaacatttaa cactataaac attctaagca tacaagagta gtattctagt 180
 tcaagtttta tcttttttca gttcaagttt tattattact ttaaaaaaat aaacaaaaaa 240
 gctgctacag cttaaccaat tgctttcgct ccactcaaag agcagggaaa ttttttcccc 300
 atgccaacac acattcatga aatgggatac ttatgggcac aggtatttaa aactggaaca 360
 atccagtctc cagacaagaa gactcctttg gtgtttttca attcaacagt ccaccgaaat 420
 tgagttaa taaac 435

<210> 184
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 184
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 tgctttataa tataaaagaa aaaatcaaac aaactagcat attagaacca cttttggtta 180
 tttgtaagga gctgaagact gctgatatac cacatcccat g 221

<210> 185
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA262477

<400> 185
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 gacccggctg cagacacact cccaccttgc ttctgtccca aaagtacatc ccctacgtgt 120
 ggttctcctt aaacaatttt aatgtctggg ttggggaagc aggtagagcg cgtagaggca 180
 gctgctagag gctgggttgc gactccaggc cgcgttccag gaaatatcgg tgggaagaac 240
 ggggacgggc ttgggaccct tcattgagga agtaggatgt gatcttcctg agtccctcct 300
 gattctcgga tgctgagtcc tcccatataa catcttc 337

<210> 186
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA262969

<400> 186
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tgctgcttct tgggtggcgc cttgctggcg aggtccttgg ccttctctgt agctgccagt 180
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<210> 187
<211> 364
<212> DNA
<213> Homo sapiens

<220>
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<400> 187
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ttctccccc tccacctccc caagcccctg ccccgaggtat gtacaataaa taagattaaa 180
aataattaac aagatgcgtt ttccccctcc acccgacgcc aaatgccctg cggagggaat 240
ggcctttagc aaagatcttg gcctgcaggg gggacttggg gggaaggggg cccccagctc 300
tctgaagcca cccaccccc cccagccata catagacttt tcctatacat tatgtacaag 360
gtgg 364

<210> 188
<211> 181
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA278767

<400> 188
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gacactacta catattaggg agcatctatg caaataaaaag gaaacatcaa attcattaaa 120
atgtttacct atgaggtagg ggtaagaggt tagatatggg agtaaggact ggagattaaa 180
a 181

<210> 189
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA278887

<400> 189
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atatttcac tttgggtgtc ttccagtatca ctaggacagg tcttagaatc agtttccttt 180
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gtttttggaag gttctgtctt tctctcttct ccttctggga ctctgattaa atgtgtgttg 300
gattttctcc tacaggattt tttctctttt gtatctttca tttcgctctc tgtgatgcat 360
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aaatccagct cactgcctgt ttttgtaaac aaagctttac tga 463

<210> 190
<211> 170
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA279028

<400> 190

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cagaacttat acatctagaa tattcatcag aaaattactc agaataattca ctagaaattg 120
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<210> 191
<211> 419
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA279313

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<400> 191
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ctttattctt gttgggttgc tttgaatccg ctccgtgtaa agtcagctaa ctctctcggg 180
cacgggctgc cggctgtcca aaggctcctc tctgtttggc cttggaatgg aggatgaaac 240
aatgtctttg ggctctccct cccctcgggtg tttgtacttt tctggggccg ttgcgggggtg 300
gcaacccggg gctgagtcct aaccgggtcc ttggggcaac cgtcgctctc cagtgaagct 360
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<210> 192
<211> 513
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA279757

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<400> 192
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agccctcaca ttctcttgat ggaaaaaagt tttgtcaacg atattttcaa tctgctttgc 180
ttttttatatt ctgcctagct gcatttttat ttcactactg ttcattttgt tctctaggag 240
tcgctgggtg tgatgctgaa aagttacagg atctcttcca ggaggaggat ggcagtacag 300
cagcttacca ctgacatagt ccttcaggat gtagcgcgca gatcgaggct ggtctggctg 360
tccatgcgct gtcatgaatc ctgcgatgta tccataagct gtcaacagtt cttccgatgt 420
tggaggtcgg tggggatcct catcctctct aggcgttatg atgttaatgc cataggttagc 480
ttctaaaaca tgtcttgga tttcttgga aac 513

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<210> 193
<211> 256
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA279760

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atgcaactag agaacatcag ataaattata gtaatttggt tttaaaaatc cattaacta 180
tctcttacct ctgcaataat gtatcataca tgcagttaca gaagttagta gggaaaagca 240
tgatcttctt tcccta 256

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<210> 194
<211> 363
<212> DNA
<213> Homo sapiens

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<220>
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 ctatccctct ctttctcagc ttccttagcg gactgctttt ctttcgtctc ccaaccactg 180
 cctgagtgag ctgattccca tgcaatttaa tgtcattttt atgctgatgt gactgagcat 240
 aaaatttgta tgactagtcc agatctcttt aaattccaga ctcacatttc tgactctatg 300
 ccacctccac ttagttgtct cacagacatt tcaaactgaa tatgtcctaa ataaaactct 360
 gaa 363

<210> 195
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 195
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 ctatcaggaa ataaaactaa aaatgggtgc attgagtaaa aacaaaacaa atggggagaa 180
 aaaaattctc cgggtaaacg gcatttcttg tattctatat atatttttcc ttaaactgtc 240
 accttttctc tacattttaa aagacacccg gagttgctct caataagcac atcacttaac 300
 acttggccag ttgggtgggg tgccatgttc tgaagtg 337

<210> 196
 <211> 306
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA280297

<400> 196
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 tggcctctta agagtcatgc cacataaaga tgatgacttt gatgtcctgg cctgcctcct 180
 gtaacaatgt gaggtgtttt tgggtacatg ctgtaataac aacaggacta tcacaggaac 240
 aatgaagcag agaagcagaa ggtgcctaca aagttttacc taaatgtctt gtttgtcagg 300
 atggag 306

<210> 197
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA280309

<400> 197
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 tacaggcatg caccactagt ctgcgcagct tttaattaga attttagaat tagaggaggg 180
 ctagaactct gccctcattt ttcagtggag aaactgcccc agacaggaca aatacttacc 240
 ctaatgctta gcctggctcc agtgaaatta gctccccagc caaagctgag ctggatggaa 300
 ctaacaagga cac 313

ttaaaaagaa tccaccgcac gaaaggtaaa caaagcagac cctcagaaac tccctggcaa 120
ggaagaaccc ctccccagat tggcccagtt tcaccagcaa ctggtctcag ctcagcctta 180
tgcctttcca ctgacacccc ccacccctcc acattctcga tgattcagac caggaacttc 240
tcggctgatt gtgtccg 257

<210> 202
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281591

<400> 202
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cggaaagtga aacttacaaa aaaagtgtcg gtaacattta aaaaaaaaaac aacaaaaaacc 120
ccaaaaaaac aaacatcatt cttagcaaca tcaattactc ttccacacaa aacagaaacc 180
ttgtaaaatt tatttttcgta tttttaaggc gtaatacttc cgtataaagt atatgcaaga 240
gataaaactt cacagtattc caaaatgtca caataataat aataatataa tagtataatg 300
aagcgctaca gttaattttt cttttttttga atgttttttt tcttgtttaa ataacaaata 360
caagt 365

<210> 203
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA281599

<400> 203
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gtagacaatt ctttgaggaa cagtaaataga ttattagaga gaaggaatgg accaaggaga 180
cagaaattaa cttgtaaatg attctctttg gaatctgaat gagatcaaga ggccagcttt 240
agcttgtgga aaagtccatc taggtatggg tgcattctcg tcttcttttc tgcagtagat 300
aatgaggtaa ccgaaggcaa ttgtgcttct tttgataaga agctttcttg gtcatatcag 360
gaaattcca 369

<210> 204
<211> 375
<212> DNA
<213> Homo sapiens

<220>
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<400> 204
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aaccagttc tatttgatta actatgaata gcaaagtgtt gtgacttgtg actcacttaa 180
atcacccatc tgaaattcat ttacaagggt tttacattaa taaaacagta gtgtggtaca 240
tgtattggac tcagatgaag tctaaagtac actggactct agagagtgga ttacatacca 300
acgaccaaga ttcaagtgtt tggggaaaaa aataccttag acagtctatg ttggcgtcaa 360
cactaaaata aaagg 375

<210> 205
<211> 267
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA282739

<400> 205

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gacactattc caaagtcttg gcccttccag ccttccaaat acaagaggct ctgaaagttg 180
tatataccaa ttggacgcac aagacaaaaa tatgaacaga gccatgacat ttcattaaac 240
aaattgtatg taactgaagg atcctttt                                     267

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<210> 206

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283091

<400> 206

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acaaacttta tttgcatccc cattaaagga caaggccatg ctccatttct gatctgttcc 180
tggtgcactc agaaactgag gctttcagac agatctgtgc agtgatgaga aggacaactt 240
tttgaaatgt ggagaaaaaa atatgacatc ttttaatgtc aggcttctta tctgagcaaa 300
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<210> 207

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283772

<400> 207

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tattaaattt gaaagtcttc tgttccagac caaaatgggg taggctaatt ccctgtcatc 120
caagcaacta aaaggtaaaa accttataac tttaaaataa aaaaggttat ttttttcccc 180
tataaaagac aggcagtatg agttaatata ttaaaattat tttgtacatc cctgctccaa 240
acaaccacaa aaatggtact ttttaaattgc ctgcccaccc tctcctggaa ggggggtttt 300
ccaagattcg gggtgactga ttcattccac agccccaggg agcagtttat cctggaactg 360
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<210> 208

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283774

<400> 208

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ccagattgaa atggttttgc atctgcttcg tatgtggcgt tttcttttct attcttgga 180
ctggattgct gtggcttccg ggccgcataa agctttttgc agtgttttat accctcggca 240
atcttgctgc gttagcagta catgcttttt aatgggacct gtgaagcaac tgaagaaaat 300
gtttgaagca acaagattgc ttgcaacaat tggttatgct ttgtgtttca tatttaccct 360
gtgtgctgct ctttggtggc ataagaaggg actggctgtg ttattccgca tattgcagtt 420
cttgctc                                     426

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<210> 209

<211> 265

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA283907

<400> 209
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gaggcccccgc cctccactag tgcagggtga ctgagtgtac aactacgggc caacccccgc 180
ctctcaaccg gaagggaggg cactcaaaag aggaatttag agaaaaggcg gagagggcgg 240
acctcgggaa aggggtctggg cgga 265

<210> 210
<211> 242
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA284153

<400> 210
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ataaaacctc agcatttcaa aaaagcttat tccgctgcag gaaagaagggt ggacattttt 120
ggtaccataa taaatcacac actcacacat ccatattgct taggttgaag agaacggaat 180
gaacagagga aattttcttcc atgaattgcc ctcttttcgg taccgcgcac gtttttagtta 240
cc 242

<210> 211
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA284777

<400> 211
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ctcaaagctt aagagtaaca gtctagagcc aagggttgga gtggggggcca ggcctcacac 120
agagcccagc ttgaggcccc tgagccccac cctcctttcc agagggaggg aggagacagc 180
tgagggggcc ctgaatcagt cctctcctc gtccccaagg ccagctgtgc caggccctg 240
gagggcaaca gctcatgcgg aggactgggg ggggaagcaa acaggtagga aacggaaatg 300
aggttaacaa ttacaccatc accccc 326

<210> 212
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA284879

<400> 212
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attcccaaac atacaatgaa ccccaaataa aacaaaacca aattgcacta ttacaaagga 120
acaagtccat gaaagtagag aggaggcgcc agttaaggga cagcaacttc aaggagacgg 180
ttgtttttttc gtttacatgt tgggacactc ccattttttct gggtttccctg aataaacttc 240
acacatactt tgtccggtct gaacagggtcc agggctccac cggaaactcc aatattgagc 300
ctccggttggt gtttggccta aaattttttgc ggaagaacct ggggtgggcca tttcaaacca 360
agtggatccc tcctgaaaag aaaagttccc ttactaactg cttctgagcc ctcctttaag 420
tggaacggc 428

<210> 213
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA284920

<400> 213
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 ccgtccccac cccccctcc accgctgggc ccatcagtgt gtgttggggg gatgcttgca 180
 gctgggggtg aggagacaac aaacctcggg aactggagcc agagctgcgg cctgactgac 240
 gccttttgat gctcacggga aatttctgcc caggatctca gcccaggct ggttgtttct 300
 acaaattctt ctcaaattgt ttattttggg gacaaaaatg aaggagcttt gtaaattttt 360
 ttaaaattat gaatcatatc aagtagttgt ttacatttct tgaaaaaata ggaactcggg 420
 cagca 425

<210> 214
 <211> 302
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA286862

<400> 214
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 tactacaacc ggggtacacat cctgggggtg agcacacagc aaaacggggg gggacgtgca 180
 gagaggtata gggtaaaggc aaaggaagca gaggatgaga ccagcaggcc ctttctcttt 240
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 gt 302

<210> 215
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287107

<400> 215
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 catgccact agctaaaaag aatttctaag tagaactcaa ctgaaactgc aagctactgc 180
 tctaagaaat gcatacttat gtttatttgc tctcctatat aatcctgttt acaaatagca 240
 taactgcaaa gatttatatg taatttctaa atccttcagg ttgctctacc attcatcttc 300
 ttatgtctgg caagataaac actcttagtg aacactttgc tgcattctct aaatgagatt 360
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<210> 216
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287389

<400> 216
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ttgggtttaat gcacaacttt gaaaataact cattaaaaca cacatcaaga tgctactaac 180
 aaattcatta atatccaaga ttcattactg tatgtcaaag gtcattccagg attaacattt 240
 tcattacaat gaactgtgaa attccaatga aaaatgtttg cctgaattaa attattttaat 300
 ctctcaaatt ggaagtctag cactcttgaa aatcaaattc acacacacac agacacacac 360
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<210> 217

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA287832

<220>

<221> unsure

<222> (1) .. (478)

<223> n = a or c or g or t

<400> 217

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 taacttaagt acagaaaaga gtttagtacac cacaagcatt ttctacactt ttattttgtg 180
 gtgattgtga gacaaacaca gtccaaacaa tagacttctt gtcctcccc tcccaacaac 240
 tatctgactc catagctcat gcaccccaat tacagcaggt gtcgggctgg cataaaggct 300
 tcttaccagg attccagttt atcctttctca atccttttct catctctaac aaaaatgcc 360
 cacatacatg tagttgtgag aggcaaagtc ttcttttacac tcaccaccag ggnnggcgtat 420
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<210> 218

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA287870

<400> 218

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 cgcactcgca ccacgcactc atattccctc accccaccat cacggcccca aagaaggctc 180
 tccctctcgc gaagtccacc atatcggggt gactgatgtt gacgtacacc ctctcgcccc 240
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 gagtggccgg cccgtagcgc ccccggtggg gacaaagaca gtttggtggt gggaatcctg 420
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<210> 219

<211> 216

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA291676

<400> 219

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 tttagatata ggatatgtgc ttggggaaaat gtataa 216

<210> 220

0960706-092401

<211> 346
 <212> DNA
 <213> Homo sapiens

<220>
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 acccactccc cagggagatc cagacccaaa atctgctccc cagatagccg agcccacagg 180
 actgggaact gcccaaatat ggccaccctt gtgggctggg ggccctgcgg ggaagtgtgt 240
 cttcatcagg agtcgccccca agggaggggg tcattgggtg cactgggagg cagagggggc 300
 aggttttgctt gcggggcagg gaccaagagc aaggggaaag gagctt 346

<210> 221
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA292328

<400> 221
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 agaggggttt ggaatgaagg tagaggcagg gggatgaagg cgccagagct gaagaccagc 180
 cccagaagc cacaccctg ccttcttagc agctacgggt cctctggctc cgggccttgt 240
 aaacctcgat gagcagggtc ttgacgtact ggatctcgcg ctccacggac tctgcccgtt 300
 ccttcagctc gcgattccgt gcctccagcc cctggaactc gaccctccag ggccctaccc 360
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 tgcttgccgt c 431

<210> 222
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA292533

<400> 222
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 ttgaaatgcc attgatagtt taaaaactct acacccgatg gagaatcgag gaagacaatt 180
 taatgtttca tctgaatcca gaggtgcatc aaattaaatg acagctccac ttggcaaata 240
 atagctgtta cttgatggta tccaagaaga aatgggttggg gatggataaa ttcagaaatg 300
 cttccccaaa ggtgggtggt ttttaaaa 328

<210> 223
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA293187

<400> 223
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 gtgatccgtg cccgttacgg ccacctctc ccctcctcag ttatctggta gagagtggag 120
 gggagtggct gttccctggg tccaccagct ctgggagggg acatggaaat ggaagatgtg 180
 ggtggcattc cggacagggg ctggtgcctg agaatgctgg ggtcagagtc ctgggagggg 240

gcgagatggg ggaacatctg tgctcagaag aggggggtgta tgggtaggtg catgtgcttc 300
tgtgcaaata ctggtccc 318

<210> 224
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA293489

<400> 224
tttttttccg tagtccaaag gctttattgt tctgctgaaa tgcttacaaa tactgaaaac 60
ccccagcctg ggcccaggca accaagggtc caatgctggg aaggagagca ggggaggtgg 120
gcttagtggt aaggcgtgaa gggcgaggcc agacagctgg aggctggtc ctccactctc 180
catttccatc acccttcgga ggctgaagga agggcgggcg caccacaggg cccttcccct 240
ctgctgcata atctcctgct caggctttct ctctaggcgc attggaggaa tcctctttcc 300
ctgtcggaata ctcaacactg tacagaactc caaccataac ccttctagct tcctctccca 360
actgcatacg tcctcctctg ttccatagat cccccggctt cateccttct ggctctaagc 420
aagg 424

<210> 225
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA293544

<400> 225
ttgtagagat ggagtcgcgc tacgtggccc atgctgatct cgaactcctg agatccaatg 60
atcctccac ctggcctcc ccttctgcat atagtaggtg ctcaataaag accaaccaga 120
tgaggagtg gatgacttca ttgctcgga ctttggtgct tgggtgaccg tgaccttcag 180
gccccggcac cctaggccag gacgctgtcg atccaggccg catagctcgc cacgcgggtg 240
tagatcccgg gcttcttgcg gttgccgcaa acgcgcgacg ccgaggtgac cacgccctcg 300
agcacgcccc cgcacaccag caggccccgc ggagtcaccc attgcagctg tcccggcgat 360
tgctctccgc gcacatcaag cgctcggtga tggcgccgct gtggtgcgtg cgccgggttg 420
aggtggcgcg gtccagcact ggcaagagca cgtgctgcag gctgtccggg ctgcggccgg 480
ttggttgact atgccaagc ggccacgtcg caatagttcc cggttcacgt cgcggtccac 540
gcctgccagg g 551

<210> 226
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA298981

<220>
<221> unsure
<222> (1) .. (340)
<223> n = a or c or g or t

<400> 226
attcggcacg agtttcaaag aaaatagatt aggtttgcgg gggctctgagt ctatgttcaa 60
agactgtgaa cagcttgctg tcaattcttc acctcttcca ctcttctct cactgtgtta 120
ctgctttgca aagacccggg agctggcggg gaaccctggg agtagctagt ttgctttttn 180
cgtacacaga gaaggctatg taaacaaacc acagcaggat cgaagggttt ttagagaatg 240
tggtttcaaaa ccatgcctgg tattttcaac cataaaagaa gtttcagttg tccttaaatt 300
tgtataacgg tttaattctg tcttggttcat ttgagtattt 340

<210> 227
 <211> 535
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA308998

<400> 227
 aggctctact tcaggtgctg ctataatgcc tcatctaate aggactaaat tgtgtaggaa 60
 actgcagtgga gaagaatatg ctttctgctc aggctaagag ggtcactgat ctgtccttag 120
 aaattcagag taacatgagc aaaacctcag ctaaaaccca ttttaagtggc atggattgtg 180
 catgatcttt gataagaatt cctcatgtac ttgtgcctag tttttcaagg tattggctgt 240
 tctatagatg cagtgattgt cccagctagc tctgttacca gccttttggg gtgtccttat 300
 gttcatttgg agagtcaggg cgaaagacag gtgatgtagc acttctgttt ttaataatta 360
 ttgcttaaaa tacctattaa tagttttggg tcattttaag ggacttgagg aagctaccca 420
 ggattacaga agagtgtcca cctaacaaga tggctctggc gtttcctagt tttgtatctg 480
 gttcaataga aatatgtgaa agtggtaatg tcatcatttg atgcagagtc cgggg 535

<210> 228
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA312946

<220>
 <221> unsure
 <222> (1) .. (324)
 <223> n = a or c or g or t

<400> 228
 gaagttaaag gncactttat tnactgacag attgaaaact gtaactccag gnagtgcaca 60
 atgcaccaca acccaattac aaagaacagg tgttaacaca caatgtttta acaatgctac 120
 actcattttt ggcaaagtgc tgtattgttc agtctgtgta caaaactgac catctatgan 180
 ccaatcagta taaaaaattt ctataaaanc aaaatttagn cagtggctca agaaaacaag 240
 ctgccattta tgcatagnnt gatgtacagn aacctaacca aatgtccctt ttgaattttc 300
 aagttactga aaaaaaatgt gtcg 324

<210> 229
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA316686

<400> 229
 gggatgtgga gctggagttg gagactgaga ccagtggacc agagcggcct ccggagaagc 60
 cacggaaaca tgacagcggg gcggcggact tggagcgggt caccgactat gcagaggaga 120
 aggagatcca gagttccaat ctggagacgg ccatgtctgt gattggagac agaagggtccc 180
 gggagcagaa agccaaacag gagcgggaga aagaactggc aaaagtcact atcaagaagg 240
 aagatctgga gctaataatg actgagatgg agatatctcg agcagcagca gaacgcagtt 300
 tgcgggaaca catgggcaac gtggttagagg cgcttattgc cctaaccaac tgatgcgtgc 360
 tttctcaaat atacctactg gattaattta tggcaataaa attttttttt gtctttttca 420
 gttttatc 428

<210> 230
 <211> 160
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA328993

<220>
<221> unsure
<222> (1)..(160)
<223> n = a or c or g or t

<400> 230
gcttttagagc agttatggga gttatagatt ataacatatt agtgatttgt gaaacttttt 60
tactaaaatg tgaccctcat tttncctttac atgaaagaac atagaatatt tcacaatgca 120
tcccacgtgg taagaataaa aaattgtttt agttatatgt 160

<210> 231
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA342337

<220>
<221> unsure
<222> (1)..(359)
<223> n = a or c or g or t

<400> 231
agagataacc agttttatttt ggggagcaaa gagaaagggt ccctaaccct agactgcctg 60
cgaagagggtg aaatggaatt gaatgggatt atggtcagcc aaggcttcct agtggagctg 120
ctacctganc tgagtttttaa gaggggtagg aaagaaaaaa tgtagtgggt cataatggca 180
ttccagatac aggggacaca aacagctctg tgtttatgaa ctacaaccag ttgttgactt 240
ttgtttcaag tggctccct tccccagtcg tgtgtggacg atggactgaa gaggagaagg 300
ctgggagcaa gggaccagta agctgttgca gcagtgcagg tgagatatga ggcctcaac 359

<210> 232
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA342918

<400> 232
accataattg acttttttatt taaaaaatta cacggagcaa tttccagctt atctttttttt 60
ataaaagtac tgcctatatc aaacatttta tatcacgtta attccattga agagctgcct 120
ttttctgtta aggtactgat tccaattgat gggatacatg cccttaatac agaaagtctc 180
cattatattat tcaaatatca aaattaagat tattgagaag tttattgctt tatggctggg 240
caagatgcta ctagcacatt ttaggtaaat aatattcttt attaaaaact atgaggggtca 300
ttctgtttta aactttttcaa gataattcac ggggaaacag gtatatctat tcaa 354

<210> 233
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA347359

<220>
<221> unsure
<222> (1)..(346)

<223> n = a or c or g or t

<400> 233

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gtgttgcaaa gcctttaatt agaatgtttg tatttttttac atcatgcata acttcacatt 60
tgtgattaat tagtaattat ttcaatactt gtaagcncat ctgcctcaga tttaatcata 120
atacatgaat taaattaatc aaattaagga acagcaattt agaaagaaac acactttaag 180
aatcaaaaat tctcaattca ggcagtctgt ttctatcatt tggatttcta ctcctttaaa 240
aatttcatat tgcccaacaa aaagtgggta tttttactgt ttttggagat gactgaacag 300
atgaagggca tcagatgcct tcatcagctg ggtattttgc ctaaga 346
```

<210> 234

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA347578

<220>

<221> unsure

<222> (1)..(347)

<223> n = a or c or g or t

<400> 234

```
gataatttag aaatttatta caaaactttt aataaaaaat acaatgatat tacaaatttg 60
gtttnccaaa gctttcaaat ttttctnaac attatctntc gttttaagan cacttttgaa 120
gtcggcagtn atttaaaatc cttactagaa aaaaaaccaa agcccaaggn ttttgcatth 180
agncatcatc taggtataca gcgtgttttc cgaaagcatc ctttaagagt ttggagattt 240
gatgaaattg ctcatgtaat aagcagttag tgaatactat tgaatccnaa acccagataa 300
gtcatcttgg gctggctgtg tttttcatgt gaaggaaact catttta 347
```

<210> 235

<211> 174

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA348446

<220>

<221> unsure

<222> (1)..(174)

<223> n = a or c or g or t

<400> 235

```
aaancaccat ggcatttttaa taggtaaatg ataaggnagg gatggaacaa aagacccaca 60
ggtttgctct agatgtaatc attgagatag ataccagaac tgccaacact ggtgtgttgt 120
gttggaact caaatagcag caggaggatt tccatagatg gtgttttcca aagt 174
```

<210> 236

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA349417

<220>

<221> unsure

<222> (1)..(351)

<223> n = a or c or g or t

<400> 236
 agtgtacaag agttttattta atgatatctg anttttagttc tatcatgtgg ggcccacgtt 60
 acaagtncca tctgggtcca ttacaactct aaccaacccc ccaccncccc ccaaaaaaaaa 120
 ggaaagaaag aaaatccaca actttttcca tgtcattaaa tatattcata tataataacc 180
 ataatatatt agtatgcatt ggaaagggac attgacccaa acaatacgtc atggtcacaa 240
 ctaaacattt acaatttctga gtgaacagaa atccaaaaca caggaggggg cagagggagg 300
 aggggaagtg catttgggag gaggggaatgg gnagnaacgt ccaatgacag g 351

<210> 237
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA350265

<220>
 <221> unsure
 <222> (1)..(196)
 <223> n = a or c or g or t

<400> 237
 caatagcaga cttttaatca atgccagaga caaagtgagg ccgagctaag aacacgctca 60
 gctncgttac aatgaagaaa tggtttcctt tcgatgcaaa gtataattgt aaaccacagt 120
 gctcgcacag ttcacgnctg nttaaagnga aatcttagcc atacatcacc taaaagtaat 180
 taaaaagtca acacag 196

<210> 238
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA358038

<220>
 <221> unsure
 <222> (1)..(286)
 <223> n = a or c or g or t

<400> 238
 caggttattt ctctttctcc tttttaatgt agagctgcag atacacttaa gttgccatag 60
 taatggcaga aggaggggaag ggtgttttct ttgtaaaatc attggngtat acaggatggc 120
 ttggcaggt acaacactat ttctacgata tctacttatt aatataattt tatgttaata 180
 tcccattctc ctcaccataa tcaccataat gttcaaattt taattttgta ttcattttga 240
 atgtttgcat gtgaaaaccc aactaatcta ttatttcaac attaag 286

<210> 239
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA370867

<400> 239
 gtgttccaat aaaactttat ttatggatac tgaaatttga gctgcacata atttccatgt 60
 gttatgaaac attatactcc tttcaatttt ttaaaacatt gaaaaacgta caaatcattc 120
 ttagctcatg ggccatacaa aaacaggcgg caggctattg acctgagggc tagaagtttg 180
 ctgacccttg ctgcagacct tcaaggtaga gtcagatcta tttcatctat ttccctcact 240
 ggctagtggc agggcctgga gaaaataata caggttttgg aggagtgtaa gtttgaattc 300
 aagttcaagt tctatattac attgtactca gcaataacag atactaaata acggttgctt 360

tcatgccctt ttaaagtcac atttttttatt gggacctgct cagtttttta tcttaattcc 420
ctcttatccc aataatgcag gttctcaagg gggctcacta agg 463

<210> 240
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA371520

<400> 240
gctgagatga gatgatccat cctatttcag agtccagaag actttctgca agatcagcta 60
gggtatttgg ttaaaactaaa aagaaccact aaaaccccaa aaaagcagaa acacccttaa 120
ccccctgtct aaactggaat caaatcaaat gagtgaagga tgccttttga tttctcctgg 180
atccacattt ttattcagtg gcacaagggtg gttatcaggg tggtagtggt tagtggatga 240
tttaccttgc ttgttttgtg ttaacgattc tgtccaatac atgctgatca agcactaata 300
aaagactaga ctgaaccag atgtgacatt ct 332

<210> 241
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA374109

<220>
<221> unsure
<222> (1)..(287)
<223> n = a or c or g or t

<400> 241
cgccgaccat ctctgcactg aagggccctc tgggtggccgg cacgggcatt gggaaacagc 60
ctcctccttt cccaaccttg cttcttaggg gcccccggtg cccgtctgct ctcagcctcc 120
tctcctgca ggataaagtc atccccaagg ctccagctac tctaaattat gtctccttat 180
aagttattgc tgctccagga gattgtcctt catcgctcag gggcctggnt cccacgtggg 240
tgcagatacc tcagacctgg tgctctaggg tgtgctgagc ccactct 287

<210> 242
<211> 265
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA376468

<220>
<221> unsure
<222> (1)..(265)
<223> n = a or c or g or t

<400> 242
gtaatttaaa caaataccaa aagcttttatt taagcaaaaa cacattcaac cacagaacat 60
tcagaaagct aacaggntca tttctacatt cattctgcaa acagtgtagt aagaaaggta 120
atttgagaat ttccaaagat gttctcgcta gccattattt atggtaatta cataacattt 180
tgatgtcaag ttattacaga cttaaaagtt aatatagcat aattttacaa tcgtactttc 240
actatgattt ttattttaac cctgg 265

<210> 243
<211> 292
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA380393

<220>

<221> unsure

<222> (1)..(292)

<223> n = a or c or g or t

<400> 243

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catggagtca gggacatggt taattcattt gtgaatcccc tggtagctggc acatagaaag 60
cgtcccatat tatctgcaaa atgaatgant gaataaatga gcaagtaggt gaatgantga 120
ttctnagggt tcttccagct ttgatggcct atgaccgtgt gactcctgca tatgcatgan 180
cacacagaca cagacactac acacatgcac agacacacat acacacttgg ngcaaagagg 240
gatgaagcct gccacactgc aggtgggtcct agctgcctga cctcccttcc tt 292
```

<210> 244

<211> 255

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA382275

<220>

<221> unsure

<222> (1)..(246)

<223> n = a or c or g or t

<400> 244

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aaataataaa tgaaagattt tattcatctt tgtagataac aagcactcaa aggttaatga 60
gtgaaggaga taaccatctc ctccaaacaa agnggctctt aataacgcag aagcaaaaat 120
ctttccactt ttagatgaaa acaaactaaa aaataacttc aggtttcaga tatggaaata 180
aagcaccatt tttcaaatgg tagacttggc ttacttaaaa taagtaaata gcccccgnc 240
atctgaaaaa gaaaa 255
```

<210> 245

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA386264

<220>

<221> unsure

<222> (1)..(407)

<223> n = a or c or g or t

<400> 245

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ttattttaata actgtagaaa tccaaaagaa ttagcatcaa atcttgaagt cgtgagtnaa 60
gctgcggggt ggcttgactg ggctcagcca ctgagctgcc tcaaccggcc aaggaacggg 120
attatgatga ctatgcggac ttctatatgt tcttcatctc attgtgtgta ttatgtattt 180
agtttcaata aagcatttgt accaatggct ctggagcttg gaggaagact aaaggaatgt 240
gtagtgattc tgaagtaaga tgtagaccta cgcagcagag ctatggggga gaagattaac 300
aaagtccttt cttccaatat caggatagtc atgagttgca gtcccatcca aaaggtcatt 360
agggctnaaa ggccctctgt gtctctgaac tatgagattc ttgctcc 407
```

<210> 246

<211> 205

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA386386

<220>

<221> unsure

<222> (1)..(205)

<223> n = a or c or g or t

<400> 246

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gngngtaaaa ttncaacttt atttggccaa tgtgttcaat tcgattgtna aatagaaatg 60
cctganganc tgtnagcgtc tgattcagct ccagcatcct tcttcaggcc aaagaactcg 120
aggatgcgct ggttgctcgt gtggctcgtc tcgatgaaga tgaacaggat cttgcccttg 180
aagctctcgg ctgctgtttt gaagt                                     205
```

<210> 247

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397919

<400> 247

```
ttttctgttt aagaacagct ggtttattct tttgatttat tgtaggattt aaaagtttct 60
tttgtgagat ggcacatagg cagggttggt gtttcctaac actatgaata tcttaaattg 120
cttttgaaag ttttatccac aaagaaagaa aaataagggt ttcctcacag ttgaaaatag 180
tttttgaaaa aagggttaaga ggaaaaaaat ctaaatacca tccttgataa agaaatggaa 240
cttcaagtta aaaatacaaa tttaaatgaa gttttataaa atattaaaaa ctagctaaaa 300
gtacatgcat aggcatttaa tcaaggtaag aggaacagca gtggaactta aatatgatac 360
aatattatcaa caataaataa acatttcagt gcaaatagtg cagaaaaatt tctcaaagat 420
catagcaatc attctaactg                                     440
```

<210> 248

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398280

<400> 248

```
tttgctggtg tcattctgat ggtggctgct gtcagcctcc aagtggctta tgggatagga 60
caacccccca ggcacttcac tgtaggacag ttagcaccaa gagctaagggt tgtgagataa 120
tgcaaactctg gcctgtcacc tctgcagagt acagggtccc atactgtgag gcagcagcag 180
cagagggaac caccagagaa acagcatttc agaattgtct ttcctttggt gtatggatat 240
gtgtgtgttc tagtctttgg tgggcaatgg aatctgcagc tccatgacaa tcttggttaag 300
tagcttatgt gggaggtggt tcaggtcaca agggccaccc attctaaggc ttctcactta 360
attccccagg ctaagagaca ggtgggggaaa ggaaaaacct agcaccttgc tataactgaat 420
tgga                                           425
```

<210> 249

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398719

<400> 249

```
tttttgcata atgagcgcac tttattaaat agatagttaa cgcactgctt cttactcatt 60
```

```

ccaagttgct gtaggtgctg cccgcattaa cagcagggac aaaagcttcc tatgcgcggt 120
tcagcaggaa tactctctcc actccaggta cttctttgtt ttggattttt ttggcatgat 180
ttccttccca tgtaaagaaa gccaaacttct tcaagacaca ggtcattcag ctttagtggt 240
ggcctccagg ttctccttgg gccgtgcaga aggccaggtc ccgcacagtg aggccctcct 300
ttgtcctcca ctgaaagctt ttcactgttc ggtctgcaaa gaaagagggt cgccctgcccc 360
tgctccactc gccaggggtg aagtgggtgga gggctgggaa agggctttct tcacagggca 420
gtgctctcgg tatcattgtc tatatccagc aggatgcggc caggcacgtc tttgctggct 480
gagtctgagt gcatttcagg aaagatgctg cgatg 515

```

<210> 250
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA398903

```

<400> 250
tttaaattag tagagacagg gaatcttact atgtgaccca gactggtctt caattcctgg 60
gctcaagcga tcctctcgcc tcagcctccc aagggtgggt tatatgcgtg acgcgctgtg 120
cccggctcca aagaacattt cttaagattg gtgggtgcaag gatcacacct tgagaaacac 180
tgatttaggc cttcccacag taciaaagaaa tgttgccctgc cccatcctta cagcacacct 240
gatgacttac aagagggtgct gctgaattcc tcccagggaa gcaaccttaa ttcttctcag 300
caagacaagg aggcagcctt caggaaggac ccaggagctt ggtattagag gatgatccaa 360
gtctgatggc aaatttagag tg 382

```

<210> 251
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA398908

```

<400> 251
tttccagatt tataatttaa tggtctgtgca gatcccagtc cctcatttct gtcgctcacg 60
tgcccactgg tctgggggtca gggtttttctg ttcaaaggca tggatgtgcg ggactcttct 120
gctaggcacg cgttcaccag cctgtgtctc tgaagcagcg gtttcccctc gaacttggcc 180
gacaccacca ggactcgga gctacaggag caacgggtga gggctcgtgc ctccacctcc 240
acatgctccg cctccaggtc ccgctgcagc ttctcgcgga ggtattcggc gctgagttcc 300
atggcggcag tccagctgga acggcagccc agcagggaca caaccccagc tcgggcgcgcg 360
gcacgctacc ttgctgcctt acaggagcca cttccgctgg aaaactcact tccgccttac 420
taaggcgtac gtcaacgcag tacttccgc 449

```

<210> 252
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA399101

```

<400> 252
ttttataaac attattaaat tttattaaca aaacattttg tacattttta tacatgtgga 60
attttacatc taggtaaaaat aacaacacat tcaaaattta ccatttatac aaactgttac 120
agaataacaa ccagtgggtt aaataagtaa aataaaccac actgattttt taaattatct 180
acaaaagatt tgacttttaa attcccctga acatataaaa ataaattaat ttacttttct 240
aattaaatct accaattaga aatattacaa atcaaaatat caatgttatc ttatgaattt 300
gtcacaatac aaaacagatt cacaaaactt tatttacaga aatgaggtaa gaactgtgca 360
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<210> 253

<211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA399273

<400> 253
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 ctctctaagg gtctgggggt ccccttagag ggactttggg catccagttt cagggactga 180
 gccgggttgg gtcggggggc agcatggcat cggacgtggg gccgtctgtg cctctcctgc 240
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 agcaactcag cctccggagt cttcaaagg gac 333

<210> 254
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA399542

<400> 254
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 caattcccc ctcgagtcct cctccagcac tgtgtgacgg tggcaggagg tgggagggtc 180
 cgccaatggc tggcgggcaa gggggagccc gccggcctac cgccctgcac tgctacgagg 240
 gcaggcgtgg gctcctcaca ctactcagt gcggaggatg atgtggatgc cggaatacgt 300
 gaacacgggg ccgctcatat ccccagttcg cagcggaaac gaggcgtctt taaatgggtt 360
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 gctgaa 426

<210> 255
 <211> 481
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA400034

<400> 255
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 atagacagta actgggaagt tactttacgt tagatgatca gagagctttt tgcagcggta 180
 gaatataaac taagacctgg ataacaagaa aaagccaatc agaaagatct gaagaaagta 240
 tttcaggata agtgaatagt tcaaggcctt aaggcattaa tgtaacatat ataatatatt 300
 actaataaag gagggttatg ctgaggcgcc ctaggacaag cggccatgag aattcacagg 360
 cgtaagaaca tatgtaaaag tagatacaga aggtttgtga gaaacaaatt aatgagcct 420
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 c 481

<210> 256
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA401297

<400> 256
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cccggtcccc agccccgagt ccctgtccca ccccttttcc ccctcgagcc ccgtcagctg 120
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tctttctcaa gaggtgagag ggtctggggg ctccgctcct ctttcaaggt cagccccgcc 240
gctgcccgtc ccttgggtag ggggccctcg agactagagt ccaacagcgc ggcctcggtc 300
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<210> 257
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA401433

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<400> 257
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caatatttcc aatgcactta acatccagac ttattatttt gaagcaaatt ccaagaatca 180
tatcatatca gccacagatg tttgagaatg tagatgagga cccttctttc taacataatg 240
ataaaacat tatttctaata ccaaataccc caccaatggt caaattaccc cgattgtctc 300
ataaatgtat tcgtttttaca gttcgggtcaa atcacaattc aaataagatc caattaacaa 360
ttggtaata tgtctcttaa gtctctttta atctataggt tcatcctcca tctttcatcc 420
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<210> 258
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA401965

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<400> 258
gagagcacia ctccaaatca tcttttatta atataaaaag ggcatattta gcaaaagaca 60
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cctgctgggg gagaaggagg ctcgggacaa agtgggagaa gtgctgggaa gggctgagcg 180
gtagggggcca caaaagtctc ggtgggcaac actgtcggca ggtcatgggt gggactcatg 240
gggacctcgc tgctaactct tgttgtgggg ggggtgtcctt agtgctgcca cctggagggc 300
cactccttgg ttcttgagg ggacccacca agggacacag gacaggaagc ccaggatggt 360
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<210> 259
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402000

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<400> 259
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ttatacagaa cacatttact caggacctg cagtgtcagc ttcgttcttt gggatatgag 180
ccttctatct ggatctctgc aggccagcca gaatatctgt tgttcttagc atcagagtgg 240
ttgatctttt ctctctgaat ttcggaaggg agttccaagc cttttgctgc aataaatacc 300
cagctagacc tgaatttcat gttcctgatt tctttacttc caagtgttc tatggcattc 360
ttggcatcgt tattcagctt tgtgcttccg tcgtcatagg tcaccatgaa gagcagggat 420
tttgagagcag cactctgaat aaactttgtc atcggtccag agttatcgcc ttcatacata 480
tcaaaacatc gtgttgctgt cacattccca gttacatagt tgacaatggc aatgtttatt 540

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cctctggcaa catttcccag ctgttctccc ataagtaggt tatcctcaaa gcagattttg 600
gcgtacttgc ttctgccacc tccgctgagt aacctgtagg c 641

<210> 260
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA402224

<400> 260
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cgaagcattg cccggatccg ttttgaaaaa gcagcgcagt cggctaagtc cttcacgctc 120
ctgcaactgt accaagtcca gggcgccgct ccttcctgcc gagcgcaggc tgctgagtca 180
cgcctgcccc gccagtctgt ccttcctggc cctgaggcca acgtcctagc ctaggccttc 240
ctgggcgagc agccgctcca gacacttgca gagtcctcag ctcggaccag 290

<210> 261
<211> 483
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA402468

<400> 261
tttcatggta aggagtttgg attttattca gataatgata agaagcctca gagggttttg 60
agcaaaggta tgacaggacc cgacatccgt ttttaaggat tttctctggc tcctgtgtgg 120
acaatagatt gtcacctctt ccagcgggag aggtggagat gatgggcata gtctgggggtg 180
atagtggtag atttgctctt gttcctagt taatccttga aattagtggg gaaactggct 240
gtggatggct cttgcgttgg aaggctttct ccaggttgta atctgggtcat gagcagcctt 300
tctgacagac tagagcaggc tggatcactg gctcccatgg gcatttgcca gcctgtgggg 360
agggtagtca tgcgctgctg ttgtactact gttggtgttt aagtgcacca gtggaggcgc 420
taacttgccg gagggttcaa gatggtctcg ggggtgtggg gggcatgata agataggacg 480
tgg 483

<210> 262
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA402473

<400> 262
gcggcacgcg gtcacaccgg cagatggatc agcagcggca aggcgggggt gtgccagggtg 60
cagtggggag aggcaggcag agcagtggga agtcagtctc atgggcccgg gcagtagcaa 120
agcagcaggc agtcagtctt ggtgaggacg ggcatagcag acaacgaatg gtcagattcc 180
aggaagaccc gcagcagcag cagcagcagc agcaggatgg aagatgggtca gactcaggga 240
ggactggcca tggtagttaa cagctcttca gactcagtga ggccagaagc agcaggagac 300
ggaaggcagt tggccttggg aaggacaagc catcaggttt tgggggcact gacaggcgtg 360
aggttcaagg cagtcagatt caaggagggt gcagcagtgg ggaggaaggt cagactcagg 420
aaggaccggc gcacgagtga gacaaggcaa cgggaaacca ggagc 465

<210> 263
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA402903

<400> 263
cccagggcag tgggtgggtgc tttattttcca tgctgggtgc ctgggaagta tgtagacggg 60
gtacgtgcc agcatcctcg tgcaaccgga gagcccgggg aggggctctg cggccgtcgc 120
actcatttac ccggggacag gagaggctct tctcgtgtag tggttgtgca gaccttatgc 180
atcacgggca tgagaagacg ttcctctgct gccacctgct cttgtccacg gtgagcttgc 240
tatagaggaa gaaggagccg tcggagtcc 269

<210> 264
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA402930

<400> 264
gatttgcattg ttgggtcaac tcttttttaag tccaaggagg cagtccacat taagtgtgca 60
ggcaaaaaag agatggaaaa aggagtcagt ttctccctcg cctccctctt ctccctttat 120
caagctgagc accttgagtt gcatttgagg aaatgaaaac tatagggtgac gcaaccccat 180
tgtgtcgaat tctttcttta catttttttg gttgctacaa ggaatcagta tttttttttt 240
ttaatcagat ggtgtgtgtg gtggctcaca tctgtaatcc cagcattttg ggaggccgag 300
gcaggaggat cacttgaggc cagaagtttg aggctgcagt gagttatgat catgccact 359

<210> 265
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA403159

<400> 265
tttttcattg tgcaatacac ttttattttc cttttacctt tgcagtcac ttcgagtaat 60
cggtgtgttaa acaatagaat ggaatgaaat tacattaaat tgtatgcaaa tggctctaga 120
acaccttaac aattatgaca aggcaattat aaataacttt ttttccttag taatatatat 180
ttgctttttg aagtacatta aagagctgcc atatctaggg ttagctagga aagagcaatg 240
gtaccatcct gggagccac ctccttgaaa gattagactc caattttcaa aatcctaagg 300
tttactagtt ccataatata cagtcaagca gagggctact tgggttgaaa gtattgattc 360
ttgaacctta acagcgtttt accttttagt catt 394

<210> 266
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA404957

<400> 266
tttaatgaaa atagaagttt tctttctgtc ctcctttctc tcctccttcc ttctcctttc 60
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ttttttgatt ttaaagatac aattagaaat aatgtatatg atgaaaaagc tgtttcccac 180
tccaattcag atctgtgatc tacactggga aaaatgacca ctcctcatga agttttgtta 240
ctgacctctc ttggacttta gctctccatc tctgctgagg ggatatgaag gtatttgcac 300
ttctcctggt aatgaaggga tcttagaaca gaaaataaat aaatgcagtt ttagcgacac 360
atagctggaa atattt 376

<210> 267
<211> 294
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405331

<400> 267

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ttttttttttt ttttttttttt ctttttattta tgtattttata aaaagatttta caccaatcaa 60
gcctgtaaca tgtacaaagt aaatctttttt gcaaagttaa atatattgaaa atccaaaagc 120
agactgaatt ataaaaaaaa aacttttttat ttttgtcact aaatacaatt agtttccctg 180
attataaccc ataatacatg tcacctaaca tacagatggc ctgtacagag gtgagacaac 240
cccaccatct ttctctacat atatattagg accactaaac tcagataaag caga 294
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<210> 268

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405488

<400> 268

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ttttttttttt tttttgacgg ttcctatata acgtttattt ctggaagtta aagtagatac 60
agcaatatac caaaaaaaaa aaaaaaaaaa aaagacaaaa aacctcacia taatataaat 120
ttttacacta tgaagtacac attggaattt gaatgcagtg gccaggacag cagcttataa 180
accaccttat aggtaggtaa gcaaccc 207
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<210> 269

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405533

<400> 269

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aattatgctg tgaatcaggt gttgcaaatt atggcccact gcctgctttt gtgtaagttt 120
tattggaaca cagctacatt cagtccatgg ctgcttttag aatacaacag tagactttta 180
catttggaac agggaccaga aaccagagcc atacagctaa taaacttgaa aatattttaca 240
agttgatgct ttacaaaatc catctgctga cccctgctct gtaccattgt tctcttctga 300
tggtctgttt actaaaaaat aaaaacttca caaacatgta aaaaatagat ttgccattta 360
aaatgtgctt ttcaagtttg acttttttagg atgcaat 397
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<210> 270

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405559

<400> 270

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tatatagtat atgaggactg tacagtacaa atttatgttc acagtttgac atgacaaaat 120
gtcattactg aattcccatt ggactacaga gtagaaacag agaaggtaca ttaaaccattc 180
acatcttttag taagaaagat taccaaaatg tttcagtatc tgcaagtata ctaacgcatg 240
ctaaaaacct ttaccatttc agtcttatta gcttataaaa tatattacac tttattaaaa 300
atctctgcat agtttatata agtatttaaag tactgtaaat gtaataat 348
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<210> 271

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405616

<400> 271

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gcttatcaca tgagcagcta gagctccatc caactgggga cctttggaag agagtgtaga 180
acacatctta ttcagagttg tctcacttgc ggggtgaagg ttgaagactg ctccttggac 240
aatgccttct ccatttcctc atacttttca cctgcctgtg attgggcca gacctggttc 300
cattgcccga gaaagctctc aggaagatgc tcaagtgcct gcagtaagaa gcaatcagc 359
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<210> 272

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405902

<400> 272

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gccctggagg ttatttagac tattttctgaa gaaaaagaaa attaagacat ctcagatata 120
gcagcaacaa caactaacat ttgtgtagca ctttacaatt cacaaagtgc tttcaacata 180
cattagctca ttgaatcctc acaacaaccc tgtgaggtag gtatttttgc caatttaca 240
gtgaggtaac tgaggctcaa aggttccagg acctttaag agatccacag caaatgattg 300
gtaaagatgg 310
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<210> 273

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406371

<400> 273

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tactgtggag acgagacagc cccattgcaa tttatcaatg aaaatctaata accgcccata 120
agcagagaag tggaaatcaa tacttcatta ccaaattggt agtgaggatg aagagaaatg 180
gctgggggtga tttttttttt tttttttttt ggcagtcctc tcagagccag ggtgtcagga 240
ggagttcaat gagttcaatg tcagaagcag gatggtgcaa cgaagaaggg ttcagtgtga 300
ggggatccag gctggaaagt ggaaactaag gcattcgtcc tgcaga 346
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<210> 274

<211> 143

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410298

<400> 274

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gcaggctaga aaataatttt aatgcaaagt agaaagtatc aatccacctc atcacttttc 60
ttgctctctc tctgtcacct cctctttcct gtggctctga ggaggtggga gaagcaggca 120
gtatttccac agcagctgtc cat 143
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<210> 275

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410311

<400> 275

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gggaaagtgt acaaaaataa tgtgaaagtg taaaaatttt tctagaatac aggaaacata 120
tcagcagtaa agaagtttag tttaactttt tttttaaatg taaaatagtt tggatctgtt 180
aaaaggaata cagttcgccc aaagcactta ttttcatctg ttgtaaactc attctttcta 240
ccttaagtaa actggaggag tcagctgtgt taatatgggc aaattaattt catagttt 298
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<210> 276

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410355

<400> 276

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cacatgaatt gggacgacct tctggcctgg cgtgtggacc ccctttcagg ccctgtctgc 120
agtccgagga ggacgtgagc cagtttgata cccgcttcac acggcagacg ccggtggaca 180
gtcctgatga cacagccctc agcgagagtg ccaaccaggc cttcctgggc ttcacatacg 240
tggcgccgct tgtcctggac agcatcacgg agggcttctc cttccagccc aagctgcgct 300
caccagggcg cctcaacagt agccccggg tccccgtcag cccctcaag ttctcccctt 360
ttgagggggt tcggcccagc cccagcctgc cggagcccac ggagctacct ctacctccac 420
tcttgccacc gccgcccgcc tcgac 445
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<210> 277

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410383

<400> 277

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agtgaagaaa gtttgtcaag gcaaatgtgt gaaaggatac atgtgtacat caccctttta 180
atgctttccc tgagtattct atgaagctct gggatcttcg aatgctatta atcttagaca 240
gtaaatttta taaagaaatt ctttaaaagt aggacttaat tctcctccgt agtgagtttt 300
taagcagagg atatctacta catggattcc tttgcctctt gacaggctca agttccatct 360
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<210> 278

<211> 574

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410925

<400> 278

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cgagccagtg actatgtact tatcatccac agagatgtca cagctaagca ctgacgagga 180
ctcttttgga tggaatatgc tggctccata ggggggtccg caagcattga ggaggttatc 240
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ctcatgcagg tgcagctggt acttgtcagg cttgttcacg tgcagcacct ccacattgct 360
gctctccatg cccactgcc a gccactcccc ggtggccagt acccaaggag aagatctggg 420
aggtgaagtc gtgctgctgc agctgccgcc cctcgcgcag gtcccaggac ctgactgtgt 480
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tgtccaacca cccgtccaga gcttggtgcc atcattagaa atgtcaatac agctgggctc 540
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<210> 279
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA410954

<400> 279
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aagaggggtc gctgccttcc gcagagggtg tctgggtctc cccacaaatg ccccgacagc 180
tgaagtgatg ctgagatgca cttcttcagg caggaggatt tgctccatgt agcttttcct 240
gaaagactga acttctgggg gttccttaca gctctggcct cggagcctgt gcacatcctt 300
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ccgcttctcc agcatcctca gcagcaggcg gaaac 395

<210> 280
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA411860

<400> 280
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agatggattt ctctctgtat cttcaagagt tatcagatgg tacatgctcc tcaaagccct 180
cactctctcg aactagagca cgttccagga tcacgcggcc ttccttatat cgctggctgt 240
cttcagtggc aaactcatag atccatccca gtttgctatt gcagtttttg cagctcacat 300
ctcgaaccat gtggcggcca gtgagcatga cccgatcttg aacttcactg tactgcaggt 360
taactacctt gttaaaaaga aatgctctgc cagtgggggc tgtgaa 406

<210> 281
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA411897

<400> 281.
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<211> 73
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<213> Homo sapiens

<220>
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<400> 282

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ccttggtata cag 73

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<212> DNA
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<220>
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<400> 283
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ggggacggca caagctcact atgacaggag cagcaaggag ccggccagag gagggggtag 180
ccacgacccc caggatcctg ggcaagaagc ggcagacaaa cttggcacag gggcctaggg 240
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<210> 284
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412049

<400> 284
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ccccaatact ggatggagaa ggatgcccc agtcctagat ggagaaggat gccccctca 180
gtcctggatg gagacgtcat gagtaactgt cggtaggaaa catcatgttc ttcattctgc 240
ccttgctcct tgggctccaa caggaaaaaac cagaaattct gtggatataa aacatggaaa 300
cattcattct ttaaagaaaa aggctgcaga gacaagaaca gcgaaaggat ggtattgaat 360
acatgcaaata ggataaaata tgaatgatta tgttctcatg ttcaac 406

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<211> 521
<212> DNA
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<220>
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cggtttgagt ggaacagctg agaaacagca tatatatatt ttaacacctc aaaatagttt 180
gaaatgagcc tcacagcctt gttcaatctt cagattacaa ataacattga tagcatctcc 240
tgtggccttc agttagtagt gccagttaat attgtttctg aaaactttcc tctcaaagtg 300
ctggctataa ttttttttcc atccagtaca cataagaaaa ggatttagta acacttgggc 360
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<211> 336
<212> DNA
<213> Homo sapiens

<220>
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<400> 286
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 ttttagaccac tggtttgaca aaaacaaaat gaaccacgag gggggagaaa gaaaccagaa 240
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<210> 287
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 <213> Homo sapiens

<220>
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 <221> unsure
 <222> (1)..(377)
 <223> n = a or c or g or t

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 gcttcaggag gagtcatgaa tattcatgaa aggagaagcg tgtactggtc cagctgagca 240
 aattctccat ggactgctcc gaaccaatct ctgatctctt ctcgggccag aaggaggggc 300
 ctgacctcta ccccgctcatg gctgaggact ccggttcagg gtttcttttg gatccccctg 360
 gccagaagaa ggtccat 377

<210> 288
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412505

<400> 288
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 taacaggtag aatgcagac agtttcatgt taagccttta gaatttcctt tcacggcagg 180
 tttccaaaat aaactaactt ttctaactt tattctcaca aaaatatatt tcaagttaga 240
 ataaacaact cattggcttc agacatttaa ttgtatgtat ttaaccatac tcagataatt 300
 gtcataattta gccaaatgga ggctttttct gtgacctatt tccaaattct cagattctgg 360
 ttcacttact ccttcaagca gtttgga 387

<210> 289
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412722

<400> 289
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 tggcagataa gacacagttt tggtgggtga atgagcggct cctcccttg tccaggaaga 180
 gctccccctg cattgggtga tgaaattctg tctttctgaa ggccgggcag tgcacagcgg 240
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gatgggaagc cacagacagc acagaagggg cgctggggc

399

<210> 290

<211> 427

<212> DNA

<213> Homo sapiens

<220>

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<400> 290

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ggccagtaca	tctgtggaca	atgtcgagtc	ctcaggaagt	ccaggaggct	gctacagagg	180
aatccaaga	accatgtcac	atctctcaac	aagtcttggg	aagtcctctt	gactctctga	240
aacagtttgt	ctctgacctc	ccaggaagtg	tggagggccc	cttccatcca	gcctgtacag	300
agggatcaga	gtccaggctc	cttctatagg	gttgaatatc	agaggggaat	agcaaatgac	360
cccgatgaga	gagagagaga	ccaaaggcta	gattctttct	gcaagggtgga	ggacggctag	420
aaggcag						427

<210> 291

<211> 527

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416762

<220>

<221> unsure

<222> (1) .. (527)

<223> n = a or c or g or t

<400> 291

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gcgtgctggg	cttgaggtgt	aagctgggga	gggagggcag	ccgggaaggg	tcagtgggtcg	180
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acctggactg	gggcttatcc	caagggatga	gagccgatag	gtctacaggc	tcggcccaag	300
ggcccttcca	ccctaggaag	aggaaggggt	gccggcgtct	atctgctgga	gggtgggtcag	360
gcaaggctgt	ggggctgggt	ggccagccct	tcactcgtgg	acgtcccaga	tctccgacag	420
cagaggcggc	agcttcttgt	cctggagccg	caaggannga	cctgctccga	gtgcacagag	480
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<210> 292

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA417011

<400> 292

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tggaaacaaa	ttacctaggt	ttaaactctg	gtctcaccac	tccttaattg	catgacgttg	180
ggccagtttc	ttggcctctc	tgcattctcg	tttctcatt	tataaaatgg	gcatgtgtgt	240
aataataatg	gcatctatcc	catgagatga	tgtatatcca	aggtttaaca	taaaggctgg	300
gtgcagtggc	tcattgtctgc	aattccagca	ccctgggatc	acaggcgt		348

<210> 293

<211> 363

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA417348

<400> 293
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gccagtccca ctgagccaat cttctaccaa gactgaaaat agaccatagt tctcatttct 180
tgaacagata tcatcaggag agccgagggg gagaccatta ggcagcccca cattttccaa 240
ctcaacaggt ggaggacatg ggattttttac cttctttggg gattgaacct ccacacacca 300
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gac 363

<210> 294
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA417915

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ctaaacatgt ccaaaaaact tcaactcttt tgaattagtc tccaaatcta cacaaccat 180
agaaaataga agatcattaa aatacatgat tatacacaga caaatggaca aatgaaacag 240
taattaatat tgcttgagct cagattgctc ctgtaagatc tgcagaaatc gtatgatggg 300
gtaagggttt ctagaacaat atttcatcag gagataatgg cagtatctca ttagactaaa 360
aggagatgat agatgctgga agatcagttt tcatac 396

<210> 295
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA418557

<400> 295
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atccgggcag caataaagcg ggaacaaaac gggacgtgta gatccaacac attcagggtca 180
gtagaaacaa accagaacat tttcccctca gaaacttgca acaaaatata ccccatcccc 240
cccgcgccc ccttaccatt ttgcaaacaa aacagaaaaa cagaacaaaa cagaacaaaa 300
taaagtgaag acttcaacac ttgggggcagt ttagaaggaa gctttcacca ttttatagca 360
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<210> 296
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA419011

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gttatctctg agtaaagggg gtaacaattc taacaacctg gcttccttag aagtttccat 180
tctcatatag tcaccgaagg cagcagcact caggcgtttg ctgccgtgcc tgccctttgg 240

tttctgggac ggctcgggtc ccgtagcgcc ggcacagctg agattgccaa gccgggaaga 300
gaccttgctc caggtgtagc tgcgttttcc ccagatcacc tgccttttc ccctccgaca 360
aggaagct 368

<210> 297
<211> 260
<212> DNA
<213> Homo sapiens

<220>
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<400> 297
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ataagaaaat gttttcccaa cccacaaaaa acagaaaaaa atatattaat tttataatta 180
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aactaagggt aattttttatt 260

<210> 298
<211> 471
<212> DNA
<213> Homo sapiens

<220>
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aggaagcagg aactgatcat atttcgcatt ggaaatagtc ttttgctgcc tttctttgtc 180
ctctctcctg ttgttagtg tcaatgtgtg acttccagaa agacattgga aagggaacac 240
catgggaaaa acctcagatg gaaatgcaga aatcacccat cttctgcgtc gctcacgctg 300
ggagctgtag accggagctg ttcctattcg gccatcttgg ctccacattc ctaattatca 360
ggaagtgtca ttatcagcac cgcagtgttg agagggtgaca gcgtgctggc agtcctcaca 420
gccctcactc gctctcggcg cctcctctgc ctgggctccc actttggcgg c 471

<210> 299
<211> 523
<212> DNA
<213> Homo sapiens

<220>
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<400> 299
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tgactcagat tcttgagcag agatcacgca acattctaca tgagacactg gcacgagcac 180
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ccctgttttg gaaatcagct taagagcaat ctcaagtctc cacaagaggc ggaggtccat 360
attccaaaat aatgtgagcc ttcagttatt tgtaggtaga attcaatgga agaaggggtg 420
ttatagatac gaaaaatcgt ggctggcgtt accaacatta aatgactcgt ggtgatgggg 480
taagttgaca agtgaaatcc agtctcttcc taaacaaacg tat 523

<210> 300
<211> 412
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421562

<400> 300

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gttcactatg cttccacact agccagtctt ctcacacttc ttctgggttc aagtctcaag 240
gcctgacaga cagaagggtt tggagatttt ttttctttac aattcagtct tcagcaactt 300
gagagctttc ttcattgtgt caagcaacag agctgtatct gcagggtcgt aagcatagag 360
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<210> 301

<211> 222

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424037

<400> 301

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aaatcatctt gttggtctct ttggcgctgt cagcgaccag tatcagcgcc cggcttgtcc 180
ccgctgcccc ccgcgtccct ggcccggatg tgggaggcga ag 222
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<210> 302

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424245

<400> 302

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gatgaattat tcttttcttg atgtccccaata tatacctgag gtctgccagg aagtgcctt 180
tcttactcat ctgttgccag attctgtcac ttttccaggg atcccaattg tagagcaggc 240
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taaaacggag aaactcagca gtgaggacat tctgattcca agcaggaagg agatgaacga 420
tgaacctcag gctgagcgcc tcacggtttc c 451
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<210> 303

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424515

<400> 303

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taacctggag ggaaatgtcc tttttctctt tgccgagttt ctctctggga aatgaagaaa 180
caagattgtg agagttcaga gttccttcct cacctgctgc aagttcacac tcagcaggtc 240
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t 301
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<210> 304

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424530

<400> 304

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ggcagctgat ggcctcggtc ccaggcgccc aggtctacct gaacatcaga tatgcagacc 180
ctcgaattta caaccaggga cagccacggg cccacgcctg gatctccatg ggtgcacaga 240
cgggaacgta tcaggctgtc tcagatgcc a cctccttccc aggtgcttgg gtccacatgc 300
ccaacatgtt cttaatagaa atattaaca 329
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<210> 305

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425325

<400> 305

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ataataatag taaaaagtaa tttaacacga actgtaggaa gaaaattaca agtaaacatt 180
tgccccctgat ggagaaaaat gaccttattt tttaaattta agcataaatt gccagtgttg 240
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aaaaatttgc ttaaagaaaa aaatatagat ttataaaatc agattaacac tgtacacaga 420
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<210> 306

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425354

<400> 306

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attaactttt tgctttatac aaccatctag aaactataaa acagtaccac attgtgcatt 180
taacctactt atcaagaagg gaacttcata agtcataaga attctacca tataggaagg 240
aaaaaggaga cagctaatac catagtcaca gataacaacat gagtccaagc aagcatcaat 300
tcttcgacat caccttttcc atttaccaga gtggagactg agaaagagag tgaggagaga 360
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<210> 307

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426372

<400> 307

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cttgatcgag tacttgaggt aggtgcgccc attctgctgg tcgaaccacg gaaccttctt 180
ggcctcggtg tagatcttgg ccagcgacga gccgttgccg tcgcccagcc tacggatggg 240
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cttag

305

<210> 308

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426374

<400> 308

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tcagcctcgg cttccacgga atccacgccc acctcttcat aatccttctc cagagctgcc 180
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gcatggtggc tgggtgttgc cagcatgcac acagcccgtc gcaccttggc caggtctccc 360
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<210> 309

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426438

<400> 309

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ccagggtgaa cacagccact tcacaaacag ggtgtaaata aggaggttca ctaagtacag 240
gaaagttaca agaccatatt ggcattttta cagccattcc tgagaaagag aatgggaaag 300
ggcttaagag tcagacgaga ggaaaagagg aaaacagatg acctcctaca tcaggagatg 360
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<210> 310

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426454

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 aacatcacac ccctgcatag ggccagtggg atgtgtgcaa gatcagtttg gcttcattaa 420
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<212> DNA
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 ggggctcctg agatatccag aattctttca ctgtgcaatg ctgcctctcc aataaataaa 300
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 <212> DNA
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 cagggtactga ataaattaaa cgctcaggct ctggccccac cccagctttc agagcccaca 180
 agcagactgt acaaagtcaa taatttataaa cccaaaccct gggcacagtg cctggaagtg 240
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<220>
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 gcagggcaag actgtagaca cagaaataaa tatccgatta taagctgtga ttagaggcat 180
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<211> 455

<212> DNA

<213> Homo sapiens

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aatgtactac tataacaaga cacagttttt atatattact ggaataatgc aaagaaaatg 180
aattttcctt tgggtccagt aattgtcaaa ggaatgattg cagattcaga aaatgtgctt 240
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tggaaggatt agttgtatta gcaaggcatt tcagggatgg ttttggttct ttagactaag 360
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<211> 451

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA446661

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<210> 348

<211> 380

<212> DNA

<213> Homo sapiens

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<400> 348

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gatccctgag tccagcttgt aaacaccaga gccagccctg gagcctcagg cctctggagt 180
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<210> 349

<211> 209

<212> DNA

<213> Homo sapiens

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<400> 349

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ggaggccagc	agcaggagga	tggccagcca	cagcccacca	cagctctcac	ccatgctccc	180
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gaggctcact	gggcagggtg	ccaacatccc	tttcaagggg	atacaccata	aagatgacat	180
tgtccaaggt	ttggaggggca	gggtgatctg	gtctgaccac	ctcaaagccc	atgtagctga	240
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ccacatttgt	cttctcttcc	acgtactcca	gggttgacgt	caaactttcc	cggttgcctt	360
gatccaaggc	ctgatatggg	atatccagga	agagtcgacg	gtcacagaga	aggccgtgca	420
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<212> DNA

<213> Homo sapiens

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<400> 351

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cgccccctgc	agtcctccag	ttgcccagca	gcagtgggac	gctcagtggc	acacagtggg	180
tctctgtatg	gcctcccacc	tgcaagggtc	tccccgggca	ggcccagctg	ccagaagccc	240
cggaacacac	aggaagacaa	cactatagga	tggcagggtg	ggatctgtgc	aatacaaaaca	300
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<210> 352

<211> 409

<212> DNA

<213> Homo sapiens

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<400> 352

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gcagatatac	aaaatttaaag	agacagaaga	tagacattaa	cagataaggc	aacttatata	180

ttgagaatcc	aatccaata	cattttaaaca	tttgggaaat	gaggggggaca	aatggaagcc	240
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tcctttcaat	ggggatgaca	aactccaaat	gccacacaaa	tggttaacaga	atactagatt	360
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cccacagtcc	ctgggatccc	tcctggaatc	ctgggtttcc	ctcctaggac	cctgcaaggt	180
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agacagtggc	ctcaacctca	atggcttcat	cctcctcctc	cagcaggctg	taggaagcat	360
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<220>
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gaagtgccac	tataacattg	tttttaaaaaa	tcttcaaaaa	tttcctatta	gaacctatca	180
ttgaattaga	aaagcaagct	ttgccaaatg	cctgattatg	cctttactgg	tcctgctagc	240
tggcatgttt	caccaacttt	tccttagtgt	ttcctttggc	actgttgagc	ccacactaca	300
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tcattgctata	gaaatgggta	atgtgcttct	aataaatgga	agtattgtag	ctggaaatgtg	300
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 <212> DNA
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<400> 356

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<210> 357

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450073

<400> 357

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<210> 358

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450114

<400> 358

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aacatgtgat taacaggaag gagatgattg gtgagttttc ttcgtaacca gggtcactgt 180
ggataggaag ggcctgcctt ctttcccacc atggagatcc taaaatcaca agctccagcc 240
tccatcaatg atgacagggt taccagttac ataagcagat tcatcagaag ccaaatacac 300
gcagagcatg gctatttctt ctgcagttgc gaatcttccc gtcttttgtc tcttcaggaa 360
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<211> 431

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA450127

<400> 359

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<210> 360

<211> 282

<212> DNA

<213> Homo sapiens

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caaaatgccc tcatttctat tttttccctt tcagttaata atttagttta aaagtgcaca 180
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<211> 254

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<210> 362

<211> 147

<212> DNA

<213> Homo sapiens

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<400> 362

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<210> 363

<211> 386

<212> DNA

<213> Homo sapiens

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<211> 346

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA453435

<400> 364

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<211> 362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454016

<400> 365

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<210> 366

<211> 379

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA454908

<400> 366

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<211> 398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454928

<400> 367

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 <212> DNA
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<220>
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 tgattttctaa atattgtgaa ggtaagaaa gacataaatt taggtctatg ggctagattt 360
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<210> 369
 <211> 256
 <212> DNA
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<220>
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<400> 369
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 aattcagtgat atgtcattat tactgctaag gaaatcttag cccttgtctg ccttaaagga 180
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<210> 370
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 <212> DNA
 <213> Homo sapiens

<220>
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 cactccacag aggaaattaa tccttcggtg acgccaacca tgcccacttc cagctgctct 180
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 cgcgaaagtc tcttcattgag tgcacagcat gtcctgggtg acattgcaca gcagggtagg 360
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<210> 371
 <211> 433
 <212> DNA
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<220>
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<400> 371
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ttgattggtg	cacacattta	tcctgcatat	atattatgta	tatgcacaga	gagacctcac	180
tattatgcc	ttgttagggg	tctttttttg	gaagtacctc	attacaaggc	aatgtcaaag	240
gttccagtaa	ctactcaact	ttgaatgaag	ttcaaaatgt	ccccatgcta	agctgagtct	300
gtgccatagc	aaaccatgat	atagcaagtc	tccagaatgt	gtacaaatca	atactctgtt	360
tgtataagtt	ggctctaaaac	taaacactgg	ctaattgtctc	caacaaggag	gaacacatta	420
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<210> 372

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA457148

<400> 372

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ctgtcatccc	aggctggagt	acagtgggac	aatcattact	cactgcaacc	tcgaactccc	180
cagctcaaac	aaacctccca	tctggggcctc	ccaattagct	gggacaactc	ctggggctcaa	240
gtgatcctcc	cgcttcagcc	tcccaaagag	ctaggagtag	acacatgagc	aacaatgact	300
ggcaaaaagcc	aaagtcttcc	tgttggtcct	caaggccctc	aaggtctgac	ctgtcaccctg	360
ttcacccctgc	ttcagccaca	ctgagctcct	tgtggctcct	ggaattctgc	acactctcct	420
gctcgaaggc	ttttatg					437

<210> 373

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA457235

<400> 373

aagtgccttaa	gatgggtgttt	aatacagcag	ggagccaaga	tacagtagta	ggacacagta	60
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tgacagagga	gtaagttagg	gaaataaatg	actcagttct	tcatacatgc	aaaggtaagt	180
tagttattac	aaaagttttt	gctgttggtt	gtgctgaaag	aaaagcatat	gcattttaaac	240
atTTTTTTaaa	aaataaatca	ctcaataggc	ttaagaaaaa	tacttttagtt	catagttcat	300
tgatctgacg	ttttgattta	agatcagggg	atgaatccag	gatgaaaacc	aaaga	355

<210> 374

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA457407

<220>

<221> unsure

<222> (1) .. (408)

<223> n = a or c or g or t

<400> 374

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ctatcagcca	ccagatattg	ttcttcgaag	tgaccagagg	ccctccactg	tcaccctgtg	180
gancacgaca	aggtacagag	agcagaaaaa	caagtcacaa	tctgccgcac	accactgacc	240
aggcctagag	gagttggggg	gcggggggtcg	cagtgtgagt	tacgagtgac	tgtgtgggct	300
tcgaatctcc	accatcaagg	ggatgatggt	acagagatgt	aacccccaaa	gagatagccc	360
ccatcctgaa	ttttaatctg	ttcaagctaa	aagttactaa	ataaattg		408

<210> 375
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA457566

<400> 375
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 gtaattatga agacaccttt acggtgagcg ttattaaaac cctactagag gttttgggtg 180
 ggactcaaga gcaaggggtg gccacctgtg gacgagggtt cctgtgtgtt aacagaacac 240
 gttgccacc tgcgaagtat gcagcccaat cagtccccag ggtctcgggt cccgttgcg 300
 ccttccccat ggccactgcg ctcattcatg agcctagggt gatcaggcct ccgg 354

<210> 376
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA457675

<400> 376
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 aaggcacttc aaacgtccca agcagatctc cttttctata cagccatcca cagggttgcta 180
 ggccggaaac gggaaatgat ctgaggtgct ctgttctctt tgcgcacaca tctattcagg 240
 cagcaaacc tgtcaatccc acatcaaaga cagttcctga atctgcctct cctctcttt 300
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 atccccctct ga 372

<210> 377
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA459272

<400> 377
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 ttccactttc agaactagaa aatgcaaaaa tacactgcaa attagattta acaaagaaaa 180
 aatcagttta agttatttca tacatatttc ttggagaaag ctgagacaca taaacacaga 240
 aaaacaacaa taaaatacca ccaacactaa caaaaacca aggaaagaac tgattttgta 300
 acgcttggtg attctgtcct ttaaaataaa ttatctccca tgaataaata attcactatc 360
 acagcaattt gatgagcaga agtagagaca actt 394

<210> 378
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460377

<400> 378
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gggggtcatca ttgttacaaa agcaaggcct gtgattgtga caaggacagg ctgggggcaga 180
gaccacacgc tcaaccaggt atccaccagg tgtgggccct ttataggagc tacaaagagg 240
gggcagccag caatgtggcc tcgacacctg actccaggca ctccgacctg gaggagggag 300
atgaaagaac tcacctttcc ccaggggctc agccagacct ccagggcccct gagcgggga 359

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<210> 379
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460651

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<400> 379
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tgaaggccta aaaagatctt tggtactcat ctagaattat ttggtataac agtattttcc 180
catggaggaa gacttggatt tcaggcatta aacaacgcag aaaaaaatct caaggcatca 240
cagggagagg gagataactt ttgactctgg tttcccgtgt ttcaggccag gaagagcaag 300
gggagaaaaa tatttgtcca tgggaacaag taatcatgct ctaaaggaca atttcattcg 360
aatccattca tttccttttc atgcaaaaatt tcaaagataa ag 402

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<210> 380
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460914

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<400> 380
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tactgaaatt gtaaagtgac cattttaatg tttgatattt acttctctta ttggcacaag 180
actaataaga tagatgggtt gtattactct taaaatctaa gacttctcct ctagctcagg 240
gaaaatactg gtggaaacct gttttaccca aaagcagctt taatatctgt ttaaccagggt 300
tattctataa taagaactcc attttaatgc acgttatcca ttacaaatgt gtgagatatt 360
ctataaaaca catattttaa gggtc 384

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<210> 381
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA461300

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<400> 381
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catttctctgg aacaaactga agagtactta aaagatccca ttgaatgcat gtggcattat 180
tcctagttta cggatactgt ttgaactaaa tgaatcttgg gagagggcag ttagtaatta 240
atgcatttag aaactgatag cgctaaaata ttaaaactta tgcattccaa tgtttacatg 300
tgtatgtgtg tgtgcacatg tgattctgct ttgcctgttt tactatctta atgattatcc 360
cttcttactg tttcctctga ggatcttata t 391

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<210> 382
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>

SECRET

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gggaaggacc	cggcacccctc	ccctgaactt	cctgggtact	catttccagc	gaagtttaat	180
ctatttttta	taatcgttca	gttttcaagg	aaatggagga	gctgtttttt	cccacggagc	240
ggcggccctg	ggagggggccg	gcccagcagg	ttccggccgc	gatgccgtca	gcgccttc	298

<213> Homo sapiens

<223> Genbank Accession No. AA461618

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tttttctctca	tgttctccca	ccccccgcca	cagccccctgt	taaattaatt	tcttattctc	180
cttaatatctc	catacacatt	cagattcctt	ctcccctaca	aaaatatattg	ctatttttgtc	240
cttgctatatt	ctcatactta	gatcattcat	acactatatt	tatttttttca	ttaaactatt	300
ttaaaacctt	tggaaaaaaaa	aaaaaaaaaaaa	aaaaaaaaaaaa	aaaaaaaaaaaa	aaa	353

<213> Homo sapiens

<223> Genbank Accession No. AA463311

caccagatga	ccacggcagg	gccgtgctgg	gtgagggccg	gggctccgat	gccttcttcg	60
acgcgctgga	ccacgtcata	gacatacacg	gacacatcat	cggcatgggc	ctgtcgcccc	120
acaacaggta	cctgtacgtg	aacagcccg	cctggcccaa	cgggtgcggtg	gtggccgacc	180
ccatgcagcc	gccaccaatc	gcggaggaga	ttgacctgct	ggtgttcgac	ctcaagacca	240
tgcgggaggt	gaggcgggct	ctgcgtgcgc	accgcgctac	acgccaacg	acgagtgctt	300
cttcattctt	ctggacgtca	gcagggactt	cgtggccagc	ggggcggagg	accggcacgg	360
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<213> Homo sapiens

<223> Genbank Accession No. AA463693

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cagccgccccg	gccctgggtg	tttcctccag	gaaaggcctg	gtcagtgaat	gcctgcaggc	180
agcagggtgt	caggaatcac	ctgcccgatg	ccagcgtgc	tcttgtctgg	agggccagac	240
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<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463726

<400> 386

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ctgcttcttt agtcttagca tgcttaggat taggtggagt cttctctttt acatcagagc 180
catctccacg ctcaactccga gtcttttcca gatccatttc ctggcaatca ccttctactt 240
tacgttcttc gatcggagggt gttccttctc tctcttgtcc aggttcaata tcctgattgt 300
cagttggtgg ttcctcttgc tgagattcac cgggagccac gaatgc 346
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<210> 387

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464598

<400> 387

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atctctcacc ctgcttctcg gtctgatctg tgcaagctca gtctcttctg accctgcagc 180
tacctccatc cctcatcgta gtgcaggcca aaccaaattt tataaaaatta acaatttaag 240
gttaaataag cttaaataag ggtgttaaata acaagacact tcatcaaagc ttctgtacaa 300
agataaacia atctggcatt gtacaagtgg ttccgctggc tcacagcaca cagggaagtt 360
ctagttagta agcagattca ctctcatttc tttccagcag agc 403
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<210> 388

<211> 315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464728

<400> 388

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acactttccc aaagggtggtt gcttccttta agatattgca caatagaaaa taaactcttg 120
tcaatcctta aaattagtct tcaatgctat gtatttttagc tatgtaactt gtactgtgtc 180
aacagtgaac cttatttagat tcacggtgtc atcgaactta tagcaagata aaaatcaatc 240
agtaggaatg tcatttttaa aagtaaaata gtgggacggt tgtggtggct catgcctgta 300
atcccagcac tttgg 315
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<210> 389

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA465093

<400> 389

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ccagaagaaa tctaaaaata gcttcctgat attttatttt aaaatatctc atttaagctg 120
cttttggttg catgccctga tctgtagaag ttaacaagga aataaaattt ccaagtattt 180
aaaaaattta ctcatcttcc ataaagcgac ttttaatgta tcaacactta aaaatacaca 240
gtgacttaat gaagtatcag cacaactgca tagaattgag ctccagagaa ttatacactc 300
ga 302
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<210> 390

<211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA465394

<400> 390
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 tcagaataact ggtcttgtga tataaatcag aatactgggc agggagagaa tctgggtcag 180
 agcacaggag ggcttctagg atcctgatct gaatagtggg tatatggctg tgttcaatgt 240
 aaaaattcat tacgttgtac ccttaaggat tttgcatttt gtgtgtatta cacatc 296

<210> 391
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA465491

<400> 391
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 ggaagctggg ccttgcctcc ttgcagggga ctctgcccag ctggaagggg cagcagctcg 180
 gcaggccctg accggcaagc gggcatgcag gcagcccagc agcagctgag cttccagaat 240
 tgcacagcag tgggcctgtg gagaggctgg cgtcaactga aggagaactg gagggctgac 300
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 ggcggccagc ggcaagtggg tggcccgaag gcactgttcg ccgcccgtgc cactctgcag 420
 gctgtagtgg tcgtccgcgt cactgctgct gccaacactg tccagctcac cagggccaaa 480
 ctccatgccc tctatgtcca cttcttgctc tgagtcgctc 519

<210> 392
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA469954

<400> 392
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 aaaatatatt cttcctaggc aggaagggtt cagaattgat ttggaaatca gagatttctc 180
 aaaggaataa tttaatctgt tcacagtagg agaaaagtaa catatggata ttagtgattt 240
 cgtttacttt tattaagaaa agagactatt agaaccatgc cctgggaact cagggtgtaa 300
 aagacagtgt cacctcacia ttctgcagag gacgaccctt aggcaaaaat gttctactaa 360
 ataggacagg tttgagtaca agggagcact ggatgatga 399

<210> 393
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476594

<400> 393
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 ttttctgaac aaatgatcat gatccctcag tctttcccgt ggcattgctc taaaacaacc 180

ctctatgtct aatcagtcac ctaagatatt gagtggcaag tctttcacag ttgctgctta 240
taattcctaa atgggtccata ttgagtattt tcattttctgg gtaagggaaa aagcattttg 300
gtccattaat tcaccactc gctcctggag gacattaacc aattctgcta ttacgaag 358

<210> 394
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA476944

<400> 394
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acatttccag tgtaatgaga gataaagagg aatactgccc accgaggaaa tgactttctt 180
caccatgctg accacactgc acagcgcccg atccggctgg tgaggatggg gaggtgggaa 240
gaatctcaaa gcactggaca ggggtgaggac tcaggaagtc acgggggtcag cccta 295

<210> 395
<211> 246
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA477119

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cagttcactt tagctacccc caagtgttat gggcccggag cgaggagagt agcactcttg 180
tgcgatgatat tgatttcacg gaggatgggtg gtcaagggac ccctatctga ggggggtcat 240
ccatgg 246

<210> 396
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA477767

<400> 396
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tggcgtctgt cctggccccg cctgtcagaa gatgaacatg tatagtggct aacttaaggg 180
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tctttcagtt caaaagtgag atgtctggag atcatatttt tttatacagg tatttcaatt 420
aaaatgtttt tgtacat 437

<210> 397
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA477833

<400> 397
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 actgagccgc ggggtcccggg tcccaccctg ctgtgggggg agtccctggg ccctgggggt 180
 cttggcactg tgtgacctgt gtgcacccca ggtgaccagg cgccggggacc cctgcaggca 240
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<210> 398

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA478615

<400> 398

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 gctgggaaag gatgcgcggc ctccggtgcc ccgcgcgcca tgggcccggc caaccagcga 180
 ccgcgcccgg tggcgaggcg cggcctcggc catcggcgcc ctagggggcca gtaaccatga 240
 cgacggccgt tgccaaggcc gagagccaat agaggcgctg cgggcgctgt ttcaaaaacc 300
 taaagcaaac aacgaaaaac gctacatcgt tgggggaggg gaaagactga gaggacccgg 360
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<210> 399

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA478778

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 gagaatactg ccaggctttt cctaattctt ttggtctttg gaagtgggca gggtttctca 180
 aaccaagtgt cttccatggg ccattggaaa ggcttccctt catcagcttg gaggggcaga 240
 aagaccatgg cttcagcact tccatttttg aaagaagtaa caaaaaagt aattaatgag 300
 caatcggaag gactcaaagc attttgtact ccacagttca tttcttcaca caaacgtcca 360
 ttactgcagc gggcatgaaa accggcagga tgtaggctc atggcctgaa gagaagtcac 420
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<210> 400

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA478962

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 ttttaciaag gaaaaaaaga tgacttttat aataacacat ccagatgaaa tttatcatta 240
 aattttggat ttcattatgat gttaagtatg gatataattca aaacaattac tatttataga 300
 accaatttga tattttgtca tttaaaataa tgaatactat gtaaatgagt acttataaaa 360
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<210> 401

<211> 421

<212> DNA

<213> Homo sapiens

<220>

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<400> 401

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gctgtgtctc cattggtaac tgcccttgtt gcacatttcc agaaaaccac aactggaaac 360
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<400> 402

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA479286

<400> 403

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tccaattatt tggttggtct actaactctt caagcctggt gtggctgtag gaacagtaag 360
cacagtggcg gtgttgataa ctgacgtgat gtgggctaaa cagacatgtt aagtcaaac 420
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<211> 375

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<213> Homo sapiens

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<223> Genbank Accession No. AA481057

<400> 404

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aattcaagaa tttctttcat acataaattg ctttccttag ttctgcagat gggtaatctg 240
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 <213> Homo sapiens

<220>
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<210> 406
 <211> 244
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 406
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 aataagtggg ttgcccacag ccacaccagt gatagggagc gagtaaacc atactgcagg 180
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 ccag 244

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<220>
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 gccagcttt ctttatcttc cctgaggccc cagtggtcac aggggagtgg gaactagcag 360
 gaaaggtgga agaaatgtgt aagtggaaaa tcagactccc agaaacagag tctcgtaag 420
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<220>
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 ttggttgcta agtcaaccag ttctaacttt ctctggagac aagtcaggct gccctcccaa 240
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 cccagcacct caggtgagat ctagtctgat gttgctgtac tttgtatact gctccaatca 360
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 tgcattcaca atccagttg 439

<210> 409
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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 409
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 aggcacatag gctgattaat cagtggacaa cagaagcaaa ctgctgctgg gttacatgtc 180
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 aaattccttg tagatcgtgg ttcccagctg tgcaggagac atactgacca caactcctgc 300
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 ggcattgacc attcttctcc caggaggagc agttaaacca gcaatgaagg acactacagg 420
 cttggaattt ggacctgaat tatgttgctt caaaaattct gcagcattct cttctgcatt 480
 accaccaatt tcaccaatca atatgatggc ctctgtggca gaatcgttca aaaagatttc 540
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<220>
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 tagaggatac tgacttcctt cctgggtcaca gagccctggc aaagcaaggc aaagccagag 180
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<210> 411
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<220>
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<400> 411
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 ttcaattctg catgtcccag tttgccgctc cttccactga tttgcactta cactcatgac 180
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<210> 412
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<212> DNA
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<220>
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<400> 412
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tgtatgaaat atagctacaa atatacataa agaattcaga tcacaaaact ctctaggaca 180
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aggctgaggc aggagaatgg cgtgaacctg ggaggcagag cttgcagtga gccgagaccg 420
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<210> 413
<211> 491
<212> DNA
<213> Homo sapiens

<220>
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<400> 413
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tcaggctgtt caagacaact ggaaggaggt gaataacatc tatccagtga gtcctgcaag 180
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gtcttcttcc tcttcttggt cctttttaat tctgtccacg tcaagagcca agccaaggta 300
ctgttcctcc aatgagtaaa cagcactgct gtagggctgg cctaagtcag gcagttcaag 360
ataacctgaa ggaatcgaat aacatctatc cagtgagtcc tgcaagactt caggctcttt 420
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ttggtacttt t 491

<210> 414
<211> 235
<212> DNA
<213> Homo sapiens

<220>
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<220>
<221> unsure
<222> (1) .. (235)
<223> n = a or c or g or t

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ntccccgagc taaacacaga tgacagcgac ccagggtgct ggaggcccg ggtcacctga 180
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<210> 415
<211> 399
<212> DNA
<213> Homo sapiens

<220>
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<400> 415
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cccatctttt ttgaatgacg agattgtaaa ccagaaacca aaaaccaaaa aacacccaca 180
cagctgtctt atacttctgt aaccatttct gaacttaaaa ctctcttggt cgttacacct 240
cattcattgc atcttagttt tagcttggtc aagatctttt agtagctcta acatagccca 300
ctagctaagt cttgtaaagt tgtataagct ggacatttgg taatattatt tttaaaaaag 360
gaaaaggagg aataggtata cttattttaat acttatttgt 399

<210> 416
<211> 381
<212> DNA
<213> Homo sapiens

<220>
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acagttaagt aaaaaaaaaa aaaagttcct attttttaaag cagcacactg ggaggtgtag 180
ggaagaaagg acatgaagtc tggcatgtcc ttcaaaatat tcagcaaaga aaaaaggagg 240
aggaggtaaa acaactgtgg aaaactcttg gtaactacta agtctggagg atgggtatat 300
gggacccatg gtactcgtct catgtctggt tgaaaatatt tatgatgaat ttggtaacaa 360
attcattaac tattaataa t 381

<210> 417
<211> 231
<212> DNA
<213> Homo sapiens

<220>
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caacgtgcgt gcacgctgag tgaggtctgg gcatgggaaa gttccgggag acggtgggac 180
aagaccgagt ctcaatggcc tggatcgggt ttggggggga gaaggccact c 231

<210> 418
<211> 237
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA490520

<400> 418
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tttgacgctt gcgattggga gagctgtccc gctgcatgag ttccctctgt aatttcctca 180
gagctcacat acgtacctct ctcacgagtg aactcacatt ttccattggt ttgcttt 237

<210> 419
<211> 505
<212> DNA
<213> Homo sapiens

<220>
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<400> 419

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aaaaaaaaaa ccaacaacaa caaaaaacac cgcctttttg aaagagaaat gacagacaca 180
aaagactgta aagaaaatgg ggcgaatttc tgatagcatt tccccaaggg cagaggcaaa 240
acccagatca gacctggggg cccaatagtg atgtggcttc catagtacgt tgttcaccaa 300
atctaagggt acctgggtctg gccaggccaa tgctgttggc ctttggggaa gcaggtcacc 360
ctgcaggctc tgcagccctc cacacggaca cagagagagt tggagatctc tcccctacga 420
ccctccagct ccatccagtg ctagccctt tctccttcca ccccatgggtc ttgcttaaata 480
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<210> 420

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA490999

<400> 420

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gagttgaaag gacaaagaaa aaagaaaaaa aattgctttt tacgtgcatt ttgctgcttg 180
acgtcactca ataaacatgc gttaaagtca taaatatatc atgaggtaaa aatcggggga 240
aaggtgatgc attgatgctg atagaggaca ggcaaactgc attccatttg gaccgcagcc 300
tctcatcccc ccgcccgcga cacaactaa ggtcaaaatc agggagggag tccagggtaa 360
agttatcagt agagtcagct ctaggagcta tagttaatct attttaaaaa atcttaaaaa 420
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<210> 421

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA495865

<400> 421

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ctactcaaag cccctgaatt gttgtcaact ttcccctttg tgttgtgtag cctaaccgtc 180
atttagcttg ttgtctgatg cctccagtag gacacctccg atggagcttt gatttctgag 240
cagcgaaact cccttcctaa gatgcacctc gcataggctg cctatgatga aggaccgtgc 300
acctccactc caacagagtg ctgagtttaa aagttgacct gtgtttgtaa tttcactttc 360
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<210> 422

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA496247

<400> 422

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tagggataaa aagaagaatg agatgaacac attacaatat gatgtaaacc actggtatgg 180
ttttcacaaa agtggaagaa atttaatcag tgaataaatg ctacaaattt gccaatcgat 240
ttttaacttc ccctaaattt atatttcgat aagcaatctc taagatttca actctacaat 300
atttgatgca caaaaacaca gaaaaatgtt ttaagggaag aataaattat tttaagttag 360
tcagactgtt aagatatatt taaaaacctg tattccagaa caaaagtcac agatgactaa 420

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cagaaaaaaa agaacgcacc tatatctggg taaacaaagc tatgtaatac acaattacaa 480
 taaattatta tgggtataact ttggatactg ttatatatatt 520

<210> 423
 <211> 650
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA504255

<400> 423
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 ttcatttcac atatatggag tccaaccaag atacatctgg catagtaagt tttcatcagt 180
 agcttcttgt ataaggtaat gcacatgtcc ttcaatagat aacggcagtc ctgtcactct 240
 atttcgagtc ttgattacac cttgtagtcg ctgctcaatg tcaagaacat gggctctggc 300
 ttaatgaggt ccactaaaga gagagtccat caggatcctt gtgaggctat ttctcatatc 360
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 tttgaagaac ttgccatctt ttcattgaca acttctccag tttcattcag tggcgctttg 480
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 cggaaaagac cctctgttcc cataggaccc attccattaa tcatattttg 650

<210> 424
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA504805

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 ggaggcgctc actcagcacc cgcaggagac acgcctgcag tggctccagct tggcctcacg 300
 ccacaacagc ctgtcagtggt acgtgtcgta gattgtgtag ccgctcatgt cctctttcag 360
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<210> 425
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 425
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 aggttgagag ggaaagctaa tttatcacta caactctatg gtagctttcc atgctaaatt 180
 ttccctgcct cttttgtgat tttttgatat ggaagagtag gggttatatc ttctctgtaa 240
 caattaggcc atatttcctt ataccaagta gaggtgctca aacactgtag tggattataa 300
 gggctgagga gagtaactga agactggcat acagaactcc acctggagga c 351

<210> 426
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA505136

<400> 426

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aaaaggggggt agaaataaat acaggattgg gtcattgtaat ataaaaatag catctctaca 180
tatactttga tttttaactc ttcattgcacc tttttttttt tcaatttttag ctgaatggac 240
accaagctag gcacatagtg aaaaatcctc tgtacaaggt tacaaatgta atgacaagtt 300
tgtccatttc aaaataagat ttgtacacaa cacataaaac ctttcattta gatcttgtgt 360
ttataaccta acaaattgaca ttccaggcaa ctttacaaaa gttaactag cctacatttt 420
gac 423
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<210> 427

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598695

<400> 427

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gtttggccat gttccatcat taatgttcca acatcaccag ggacacaaag ctgagcatga 180
gggcttctac ccaaattctc ctacgacagg tacttcttca actcttccac cacctcttga 240
ggctcaggga atttgagttt gcgtgggggc cccttcttaa tcccagtcca gagctccgca 300
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tcacctttac tggaagctct ggggcctcca gggca 395
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<210> 428

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598939

<400> 428

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tgaaaactaa aatttccagc ccttgactat ctgtagtcc aaacatcaaa ggaaaatatt 180
ggaacaattt atctatgtac agagagaggc aactcatggg taccataagc aaaataacct 240
gagggggaac atttgatatt acaagaagtg gtgagagttt acaagtcttg cattgctttc 300
tattgtacat ggctctgtag taatgccaaa aataacaaaa tgtaggcact tgctctggac 360
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<210> 429

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598982

<400> 429

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caataaagca ggaacagcaa acagattttt ccatcacatg acaccctcag ctgattggcc 120
ataactgcct tgactgctgt gtggacaaag attccaagga tgtactttgg ctccatggga 180
aggactactg caatttatta gcggtatctg taaacatggg gaataaatct gaaacctcac 240
tagccatacg agaagccaca ggcaccaaga ctggcggctc cactgccaaa gccagcactg 300
gtgctcggtc caccaccaa gccagcacca gtgtttggtc caccgccgaa gccagctcct 360
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gtgctcggtc caccgctgaa gccactgggtg cttgggtccac tgcagaag

408

<210> 430

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598991

<400> 430

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aacacacggc	actcctcgaa	tacagtcac	ctaaagcttt	agttactgcg	tggtaaggct	120
tcttaagtca	cagtgtattc	ttcaaggcct	gggccaaaaa	aagagacttc	gagacaagat	180
gacgtcagat	tacatggatc	gctaataaac	cgagctggac	tagatccgac	ttgatctaca	240
cacatgccac	tactgctcag	ggccactgcg	ccacgctggc	caaggggtct	gcactcacgg	300
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<210> 431

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599120

<400> 431

aaacaaaaaa	acattttttc	attaaaaaaa	gtatttagaa	cacacaaaac	aaggcaacac	60
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gttgctctcc	gagccagtgt	tactatcact	ggttccttcc	tctgccatac	tgctgacccc	180
ctcctgccca	ctctccttgt	cctcaggagt	agacgtgcct	tcttcaccat	tctgttggtt	240
ctctgttggt	tcttcaagg	gtgtctcttc	tgtctccatc	ggaatgttct	cgctgtcttt	300
cttctcctcg	cctttgttag	ctgcttggtt	ttcctcagga	acgatgctgc	tctgactgcg	360
ctcagcttgc	tctgcggcct	ccttctcctt	ttcctcctgc	cttttgcggg	cctgttcttc	420
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<210> 432

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599216

<400> 432

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cccggggggc	ccccttcctc	tttgtgatgc	cccagaacaa	tattgatattg	attatagaaa	180
gccaccggca	gcctacatgc	gcaacgggtga	gttggttggt	atatacactg	tggaccatac	240
agtgggaatat	tacagtcaat	aaaagggtatt	tttagagaga	aaaaaaaaca	ttggaacacg	300
cttatgatata	aatgttaggc	aaaatcgctg	ttatgaacag	ctcgtttggg	gcagagcaaa	360
tcctgggaag	taacgctgag	gctgttggtg	caggcagtgg	agtacaacat	cttcgagggt	420
atggagtgcc	acggctcccc	actagtgggtc	atcagccagg	gcaagatcgt	ctttgaagac	480
ggaaacatca	acgtcaacaa	gggcatgggc	cgcttcattc	cgcggaagag	cgttccggag	540
cacctg						546

<210> 433

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599331

<400> 433

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gactgtgagg aattttttatt ttcctttcat gttcactaat tgcaagcttt cttcattttcg 60
gtaatatcta aatgatctc ctcttgctcg aggtagattt tcccagtagc ttctaactcc 120
tgacccagaa gcggtgtatt gcgcctcagc atggaggagg acgtgaaggc gtacggagtc 180
tgaggagtagt acaccacgta ggtaggtttg tactggtttg gctttgtgta ctgtgttccc 240
caggcaattc gaatccagac tgcattctcc tcagtttctc tgaagctgac tgtcacattt 300
tttaatgctc tctgaagaat tttc 324
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<210> 434

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599365

<400> 434

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tcacatgata gttttaatat ttatttagca gaggggtaaa ttgaaacatc agttctctag 60
accagtcagg aatgtatgc tttgtgcttt ataagcttac attcaacata gatgacataa 120
gttaccatac tcaaagttaa gatagggaga ggtagaagaa atagctgaga acttgaaaag 180
atgtactgtt attgtcaaca aaccaatgtc ttctcccttc ataaaattgt gtttagggaa 240
tattaacaat taagcttgta tacaatagta a 271
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<210> 435

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599376

<400> 435

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caagcctttc taagcagtta ctgtctgttc acacaaatac aatgccagct gagtgtgctt 120
cgccgagaca gcaccaggga ttccagcaca gggaattgaa aacagacacc tgcaattcat 180
ttccctgcac agcctagacc aaactatgct gtgatgagca ttcccagggc agtggtttgga 240
ctgggtgtgtg ggtggcatat tctgcagaa tataagatta gggtatctta taatagacat 300
aataacagaa gattcattca accagcaaat atttattaaa tgtctacttt gtgctaggta 360
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<210> 436

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599443

<400> 436

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gtctcccagg ttcaagcgat tctcctgcct cacactccca agcagctggg attacaggta 180
cccgccacca tgccaagcta atttttgtat ttttagtaga gacgggggtt caccatgttg 240
gtcaggctgg tctcaaactc ctgacctcag gtgactgccc accttggcct ccaaagtgc 300
tgaggattata ggtgtgagca ccacaccgga ccagcatgac ctttaaacac aattggactt 360
aagac 365
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<210> 437

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599522

<400> 437

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gttcgcgttc atgctcttgc cgctgccgct gagcacgatg taggggggtct tctgagcctt 180
ctgcttctcc tggagcaggg ccacgggtgcc caggggcgtg tcgctggagc tcatcttctt 240
caggagcgcc tctcgtcca gcttcttcat ccgcccgtct gtcttcatct tgcctgagcc 300
cttgccatgg aagcggg                                     317

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<210> 438

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599661

<400> 438

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gaaccatttt tctgttctct tatttattga cagtttcttt taattacaac acaatgaatt 60
gatggtaaat acagaagatg caatagtata aaaagccatt taacccttcc ctaggttaag 120
acacttacag cagacaaaaa ctgccccacc cctaataccc tcttggaatg gaaacaaaat 180
aaatataaat taataaatac aaaacaaatc actgcacagc ccttaa                                     226

```

<210> 439

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599662

<400> 439

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tttactctaa gaatttgtct tatttttaaat gcatggaaaa tagcaaaatt atcatgccaa 60
catgaggaat atatactata attcataaat gcctaattat caaaataatg acatagtcac 120
ggtagatgac aacctagaaa tcttatataa gatgcaacta catattgtat gatcattcct 180
cttatatatg acattcaatc ctcatcaaat tcagctatga ataaatggca ttatgaaata 240
aacacttaat atcacaatag ggtcatagtc tgc                                     273

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<210> 440

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609006

<400> 440

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tttttttttt tttggcctgt atctcataat tatttttatt tagaggaatt tggtagtggc 60
ggggttgagg tgggaggtgg tgtgtggacg gtgtgaattg acagaaacaa tttccctaca 120
ccaaaataca ggtatgtttt cattctctat gccctaaac accctccctg cagctatgca 180
acgagcaatt cacgggaaga ggcttcttta catagacccc tggttttggg gttttgattt 240
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<210> 441

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609027

<400> 441

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ttttgaacat gtagctcact ttatttttccc caaagatgtc ttgaaatttt aatcagttca 60
gtcatcccta tctttcttct tacatatataa tcctatagat tagtgactct tgtataagac 120
aagaaaaact aatgtgcttg tttgatatca gcacagatca gtctctaagc agaagtgaaa 180
atatgggaaa atgagttgga aaggaaaatg ttatagaaaa tagtaaagac aaaccatggg 240
accacctttt ctcaagtgaga gatacattgt cgggggcaga gtgctggaga gctgggcaga 300
gaggaacaaa atgtctgaca gcaggagccg gagcccaggg aggaaaccag atggaaaggg 360
ctctgctcag actgactcaa tgtgggcaca tatgggataa aggacatcac agagaactca 420
ggaacagaaa ccacactgaa atagagggat ggggagacat gctgggc 467
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<210> 442

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609309

<400> 442

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atattttggc aatgacagtt taggttaact ctgttttgaa ttcctaaaaa taaaaagaaa 120
tccttaaaaa aaggctgaca aactgaccac ttggccttga atcgactgtt agggtcacac 180
ctgccaatgc caggggacat cacaaaaaaa tagagaatgc caagataaaa agttcactgc 240
attcaatttg gcctaatttc ttgataatag tttcctatta gattttccga ttaatactga 300
tggtctttac ctaggctgtg ataattaggt tttgatctat tgtgacatta atgatcacia 360
tcagttgact ttgaaattgt cttaattaat ggctctttc 399
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<210> 443

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609312

<400> 443

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cgcaacgtca tgggttatggg tggctgggtc ccagtcagtc tcgtgtggca gtcgggacct 120
tctacttcct tgccttcgct ttcttttcct tgctcgctct ttggggcttc agggcttcct 180
cctggcctgc gtggctgggt atggggggcg ggataggggt gggggcgctg aggttcagag 240
tcttcttctg aagcttcagg tccaagatgg cgaatgtgtt ctggatctgg cgctgcagca 300
gtcctcgcag gagctccatc tgggtgtgga ctgcctggca gatgaggctc tccaactcct 360
gtctctccag gacctggccg ggctgcg 387
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<210> 444

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609504

<400> 444

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gatgcagaat ctttcagccc cttatcagag agaacacact aaacagaaac cagaagcaaa 180
tcagcatatg gttcaaaaca taacaaatca tcaggttaac tttcagtga tatacactag 240
tcctatgagc gacacacact tggcaatgcc ttcaccttgc cttaaacatt ataaatctta 300
cattccaggg acacctttac aaatgcccct gtttgtgtgt gtgtgtgtgt gtg 353
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<210> 445
 <211> 424
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609645

<400> 445
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 gctgaggctg ccgtcgtggg aggggcttgg ctggcggagg cgggctgcct gtggaggcct 180
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 agtccctgga ttttccggct tctctcctct tcaactctta actccaacaa ttcattcaatg 300
 ttgatctcat cgggcatgtc tgcctccatg ccgcgggtaca gctcctccag gcgcccgtcg 360
 atccacttct ccacgtccag ccgcgcgtgc agtccccgcc ggtcatactt gacgggtgacg 420
 cgcg 424

<210> 446
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609657

<400> 446
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 cggacacata tggctgtctt ctgggtgactg tttctctcaa actaaccacg cgggtccatt 180
 agaagctgcc atgctctcag aggagcccc gccacattct gccagcctca gctccagagg 240
 tggtgctgac ctgggggggat gctgcttctt gcctctgttg ctttgcattg tctggatgtt 300
 tcattccaat ggagtcatac ggcattgtgt cttttgttca aatccagttt tagggcagtc 360
 ctggagcagc actcaccact cagtccgagg tggcttccct ctgtgataag gtcccct 417

<210> 447
 <211> 156
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609848

<400> 447
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 ccaggcattg aggaaatcat tggtaagtaa aagaggcaag ttacctctca acacagattt 120
 tgttttttaa cctcacagtc ttgcagggtg cattgt 156

<210> 448
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609869

<400> 448
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 attcttttaa tatttttcaca atgttaaaac taaaactgag ctctaggcta tgtgtgtaag 120
 taaatctaga acacaaaagg gttaaataag attttctctt ttaaagatac aagaatttaa 180
 gctttcctta catttaacaa acttcacaga acagatactg caggggaaca agccccaccc 240

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cccaccaccc ccagctctaa gtcaggaagc gaacatgggc ttcgctcccc caggccagct 300
cccctgggct ccttcccatg gctgcctcca cgcagcaggc agaggagggg gcggggggcc 360
tggggagggc                                     370

```

```

<210> 449
<211> 377
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA609943

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<400> 449
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ccagattaaa tatataaaat tggtgttatt tacacagcta acttcccgtc ttgaaaacaa 180
tcccatacgt aaattttcttt tttggagcaa ggtaacttgg tgattgttct atctctaccc 240
agaattcacc cctatttgga aaactggggg ctaaaagcaa tcagaattca ccagttcaaa 300
aacacttacg tccatcttat tagcaacact aactaccagc aggaaactaa aatagaccag 360
atttacagca gtaagta                                     377

```

```

<210> 450
<211> 365
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA610070

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```

<400> 450
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atagcaaatt cctaaactgg tttcttcatt gcacagtatt ttctcttaaa atgggtgctt 180
taaaacaatt acatacagat taaaaatcat ttctttgctt aattaaaacg ttaatactct 240
tagacaacac agatctgaaa tgggtgaaacc agcaattccc cccacccac cttacaacaa 300
attaaattga gacaaaatta caaacacatt tcactacatg attattatta ataaaaatca 360
gtttc                                     365

```

```

<210> 451
<211> 487
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA620289

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<400> 451
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aaggagccca cttcccatat gcagacactg aaggctcaac agctccccta ggcctcaggg 180
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cagtcagagg gcgggtctct actcaagggg agggcccggt tccagagtct ctgggtccag 300
cctgtcccgt gggaataggt gcagggtgtc cccgtggctg tggagggtatt tcgagctgga 360
gaggggctgg ggtccacatt cgagggtcct tcccacgtag gcatccaggt gatggcttcc 420
gccaaaccag gaaggagacg agaggcccg caggaagaag acttgggtcc gggatgggtg 480
gcccatc                                     487

```

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<210> 452
<211> 303
<212> DNA
<213> Homo sapiens

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<220>

<223> Genbank Accession No. AA620461

<400> 452

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aatgttgcac aacaatgttt atttagtttt acatttggtt acaattttctt ataaacactt 60
cattataatt gttttatata aacaacagtt taaatttact tatgtttatc atttatttgc 120
ttactagttt ttcaatttca gataatcctt ttagaatcat ttcccttctt gaagatcatc 180
cttttgtagt ctctttactg aagttgtgct gaggataaca tctgtttttc atctgagcat 240
ctgtttgttt cagtttcgct tgttgcaaat tctaagctaa tagtttttct cagaattcta 300
ccc 303
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<210> 453

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA620806

<400> 453

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aaaacctaac ctatctcaca atcaataatc atcttttgac tataaaatca taaaaacttg 120
tactctgtgg ctcttttgtc tcgatgattt ttcagagaaa aaaattagct gtgttaagta 180
gtttcactga tttatccatc ttgaatagct gccagttctg gaacttcata catcctcaga 240
acgtcttcat agagcaaata attatgtagg cttctgggaa gtggcagctg actaatataa 300
ctgtcagacc gtagacgttc tgattttaga ctggaccgaa tttccaaacg acaaagatgg 360
gtcagggatg gaacagtggc aatatgttgc tgtagaatcc aagcgtttga g 411
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<210> 454

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA620825

<400> 454

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aaaaatgttt tggagatata aatttggtctg gacgactcac ctacagtata ttcagggatg 120
tcttctgtac agaatatata cagggttgga ctggcaaggg aaatcctatc tcaggaaggc 180
gatgaacacc accacagagc cacagaccct tagcaatgtt ccctggcttt catttgcagt 240
tggccttgtc tctggacaga gtttcatgtg ctgggac 277
```

<210> 455

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA621325

<400> 455

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tttttcaggt ttggcacata aattttatth aactttcaca ttgacacaaat caggaaacca 60
ttctgagaaa aggttagaggc cgccttgaag cgaacgctgg ctccctcctc caccctgggc 120
tcggcggcac catgcaggct caggctggca ctcatcccag gaaactgtcc cagttctcag 180
cggtcctggc tgtggacggt atctgaaatg gtcgctgcgg cttgccctgc accagggcct 240
accttggtgc caggaagccg cactgctgga ggctacctgg gcgctggggt ttattgctgg 300
tgaacttggc taccacactt ccagtcacat ggtccaggat ggtggtgtga tcagaaatgg 360
ctctggcagt gccattttgc tgagatgaaa ggaatcgaaa tgtataaact acactgaatt 420
ctgtgatgct g 431
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<210> 456

<211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA621367

<400> 456
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 atacagaagg aagacgacgg acccaggtga caaaacttct cgggacttcc tgggtcaagcc 180
 ctagctatca gcctcaagga aagactacca tgcccttgagg aaaggccagg tgagcgctgg 240
 ctggagtgcc tgcaggccgc aagccctgag cccaaccctg aggtgcagtc agggagattg 300
 gagctacacc tctgtccctt gggagctgtg cctcaggatg ctgttctcac ctccggcagat 360
 tctggggcag tcagcagccc cttcagggat cttactccca gagccacca gcaagggtgga 420
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<210> 457
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA621634

<400> 457
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 cccctttccc cagcatattg caaaaagctc tccagtgtta aggcattggc aggggtgtgta 180
 aacagcagcc agcatatgtg gaagaataat acaaagcttt ttttttctt ctaatatgtc 240
 tgtgcagcaa gcataaataa caggacccat tccaaggagt gtgtgtgggt tttccccctc 300
 ccctgtgtcc tctgtcacct tgggtgatgag gccagagtga tgtgaagact gggagggaac 360
 c 361

<210> 458
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA621695

<400> 458
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agcaagatcc	660
cccaaagtgt	720
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gtgcagaaca	1200
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<220>
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 <223> n = a or c or g or t

<400> 466

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agtcagggca actttcccca tacaggaaan cttgaaaatt acancaacag tctacgtcac 240
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 <211> 325
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<220>
 <223> Genbank Accession No. C14898

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tagtatcctc aaagaaaaac atgtatttbt cttagggaac ttcaaatttg ttttatattt 240
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acaaatttca ccagctactt atata 325

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 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15965

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aaagtgcctc gtttaccttt aaatactgtt aatgtgtcat gcatgcagat ggaaggggtg 180
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 <213> Homo sapiens

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<223> Genbank Accession No. C20658

<220>

<221> unsure

<222> (1)..(394)

<223> n = a or c or g or t

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<210> 471

<211> 2589

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D10522

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<211> 1929

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D10537

<400> 472

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<211> 121

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D11789

<400> 473

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121

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<212> DNA
<213> Homo sapiens

<220>
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<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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<211> 605

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D23662

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aggctttata taaggcaaag caagatggat ccactacttt acatgggraag amatagctct 120
gcagcaaacc ccagggktgt gcagttacag atcaaaatgc aatgtacatg acagatataa 180
vvrvcagtg tggracaaaa taattttaa attggttaca atctactgaa graatatcca 240
catcttatat aaacacattt ttagtctagg gktgtattta aatattcgkt btacatacac 300
agttgagacg 310
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<210> 498

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D60074

<220>

<221> unsure

<222> (1)..(347)

<223> n = a or c or g or t

<400> 498

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gatagamtty gatgaaatga aattgcacaa atgtctgtat accagggttg atatacacacc 120
tactaacatc acatgtacat ttttggtttt ttaattttaat gtacagaaca ggatataactg 180
taaaabtytt cttcaccttt ttaaaagctt catttgcaag ggcaggvcat gtacctaaaca 240
gaagcggctt gtttgtgagg ttgcttaagg grgaactatc ctgttcatgt ttctgaaatt 300
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<210> 499

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D60272

<400> 499

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caaataatatt gtacaaaaat acaaagtttt aaaagctctt taagtataty ccatattaty 180
actaatagty ggccyatata tcttatgcct gcatatttyb cctacacttg gwttttagaa 240
atgtatggca ctktttacac agtatatgct tavgbbtctc ccataactca vsgcccaatg 300
atamcctttt                                     310
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<210> 500

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D60755

<400> 500

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acggagctga gggggaggtg tgcaggttcc agcctagatg ttcaggattg agatgtgggt 180
cgtgaaagga aagtgggttt tccgggatgt gggggctttt ctvagcactg ggtccactga 240
cgctgctgyt cccaagggga tgctaggacy ccgytcaggc aggggtgggc tcg          293
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<210> 501

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D62584

<400> 501

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gaacacaatt attattctaa caatgattat tagctcattc acttattttg ataactaatg 180
atcacagcta ttatactact ttctcgttat tttgtgtgca tgcctcattt cctgacttaa 240
acctcactga gagcgcaaaa tgcagcttta tactttttac tttcaattgc ctagcacaat 300
agtgaagtaca tttgaattga atatataata aatattgcaa aataaaatcc mtct          354
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<210> 502

<211> 482

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D62965

<400> 502

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tgaatcaaca ttaaagcctt ttctctcaaa gcgtttattg agaaactcaa atgaatatac 240
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agaacaacat ctcagacttt acaaagaatg acaagaaggc aattgcactt tttagggata 420
tcgccaagca gtttctgttt tctaaaggcc aaaatacaga gtgtgtgtca tttttattag 480
at                                             482
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<210> 503

<211> 1375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D64154

<400> 503
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 gtttcggggcg ggaaagatgt ccctgaaggg gaccaccgtg actccggata agcggaaagg 180
 gctggtgtac attcagcaga cggacgactc gcttattcac ttctgctgga aggacaggac 240
 gtccgggaac gtggaagacg acttgatcat ctccctgac gactgtgagt tcaagcgggt 300
 gccgcagtgc cccagcggga gggctctact gctgaagttc aaggcagggt ccaagcggct 360
 tttcttctgg atgcaggaac ccaagacaga ccaggatgag gagcattgcc ggaaagtcaa 420
 cgagtatctg aacaaccccc cgatgccttg ggcactgggg gccagcggaa cgagcggcca 480
 cgaactctct gcgctaggcg gtgaggggtg cctgcagagc ctgctgggaa acatgagcca 540
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 cctgactgga cctggccttg ccagcttact ggggagcagt gggcctccag ggagcagctc 660
 ctctccagc tcccggagcc agtcggcagc ggtcaccctg tcctccacca cctcttccac 720
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 caagcccag cagaaagagg gcgacacgaa ggacaagaag gacgaagagg aggacatgag 1260
 cctggactga gccacgcgcc gtccctccag gaactgggag cttgcagtgc gttgcacacc 1320
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<210> 504
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80059

<400> 504
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 catcattttta gcgcttttct ttagaggcag ggtcctgaca actcttgatt aacacacaca 180
 tccaggcact ttgtytctyt tcctccgttg tcctttkata aacaccaact ggcagagggg 240
 acatggagca ttttttcttc aattgcagtg attctttkag ggaaaggggc cytcaggagc 300
 attgttcaca ttctccgbyt tgtcctggga ggcagttaga ggatgtkgtc actccagaat 360
 aatttwttka ktcacatact tyt 383

<210> 505
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80063

<400> 505
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 catcttcmga ttcaactmga ygcggctgaa tatttgamgg aagaaaaaat aaaaatacaa 180
 atmgaamgaw acagtataac aacygttkcc attatacaat atctatacat ttcgtttagtg 240

atgacttcaa gtacayggga ccaggcacgg tgactcacac ttgtatycca acacttcgga 300
 ggscaacctg ggagsatagt gagacctt 328

<210> 506
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80237

<400> 506
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 ggccaggaag ytytggrgga ctcacctcgc cacctytggc acaggcactg gcactgacgg 180
 acaaggsgaa acagcggccc ctctcaactg ggrgggcacc aatggcccct gtagccagag 240
 gttgcccggc ttttggggccc caggtcctag gcatgactgg tggtcaccaa tttggccctt 300
 ktccccaacc agtgctgggg ggccatcttt aggcagaact caggaagcct cgtscggaat 360
 tcctgcagcc cggggga 377

<210> 507
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80298

<400> 507
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 acttgacag agaaacaata camatctaam catgaaactg tcgctcatcg gttgggtccca 180
 rgaggctcca mcatattata ttctargwaa rrgtccatta aatta 225

<210> 508
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80617

<400> 508
 aacaaacaat tgtgttttatt gacaagttca tacatcagta caaacgggca cgttaaaaac 60
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 taaaagttat aaataagggg ctttcaaaac agggcggggg caaatctgga gtggggcggc 180
 gggtgcccgt ggcctcagac atgcagaagg ggacggggcg ccggccgggc cacgaggccc 240
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<210> 509
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80738

<220>
 <221> unsure
 <222> (1)..(351)
 <223> n = a or c or g or t

<400> 509
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 ccctgaaaag aactgaagac agaggaatca tactttctctt taatacctvt ggggaaggcc 180
 caggctaagg atgagggcag ggaccagtcc cagtggcccc tggggagaga agagggagam 240
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<210> 510
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D81655

<400> 510
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 atgkgggggc ccc 313

<210> 511
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D82346

<400> 511
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 gtgcagaagt cgcgcaacgg cggcgtatac cccggcccga gcggggagaa gaagctgaag 240
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 aagtttgccc ggaaaccggt ctgtgtgatt gacatcatgg tgctcatcgc ctccattgcg 720
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 tattttgatt gatttttttt ctttaaaatg tattttttcac aaagg 1425

<210> 512
 <211> 493
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. D82534

<220>
<221> unsure
<222> (1)..(493)
<223> n = a or c or g or t

<400> 512
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cctgtttcct cca 493

<210> 513
<211> 3198
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D83018

<400> 513
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<210> 514

<211> 9078

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D84294

<400> 514

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aaaaaccctt	agtctgaaac	tttagcacca	atcccccttg	ccccccattg	aaatacgtat	720
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<210> 516

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D87258

<400> 516

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<211> 1137

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D87292

<400> 517

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<211> 5316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D87465

<400> 518

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 <213> Homo sapiens

<220>
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 <211> 217
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F01920

<220>
 <221> unsure
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 <223> n = a or c or g or t

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<210> 521
 <211> 205
 <212> DNA
 <213> Homo sapiens

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<210> 522
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F02245

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<210> 523
 <211> 212
 <212> DNA
 <213> Homo sapiens

<220>
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<210> 524
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F02470

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<210> 525
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F02739

<220>
 <221> unsure
 <222> (1)..(315)
 <223> n = a or c or g or t

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<210> 526
 <211> 312
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F02992

<220>
 <221> unsure
 <222> (1)..(312)
 <223> n = a or c or g or t

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<210> 527
<211> 202
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F03254

<220>
<221> unsure
<222> (1)..(202)
<223> n = a or c or g or t

<400> 527
attcatggtc gantattatt tattgtcaga aaggtagcgc attcacacca atatcagaca 60
aaatagattt taactaaaaa attatttcgn gacaaaaata acaatatatg tnaataaaaag 120
gctcaattaa aaatgtataa caattataaa cacatacaca tcaaacaaca gtnccccaaa 180
atacataaag caaacattga ca 202

<210> 528
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F03969

<220>
<221> unsure
<222> (1)..(305)
<223> n = a or c or g or t

<400> 528
gaactttggg aaaattattt atttctcccc acgggggttca gacaagtaat ttcacatttc 60
attgtaagtc aagggtgaaga aaacattttt tgtacatcca tcactaatag agatcacagt 120
atgtcaatga aatattttaa tacactgtac agagattgct ttttaattgga tttctataag 180
tagtattaat aggaaaaagc atataatata atctactctg tatctaagag ctttaattta 240
ttcaaataatt ggaagaaatt catctnctga attttnctta tttaaaaagc attatgagaa 300
ctgat 305

<210> 529
<211> 261
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04019

<220>
<221> unsure
<222> (1)..(261)
<223> n = a or c or g or t

<400> 529
cctcttcata aaaaaatatt tattagtttg aacatcgatt taaaaaaaaa tcagtcacat 60
aaaaaaaaacc cttcatgnca tgtcttttcc ctccacgcct cctgagatgg acgtgctcac 120
ctgggcctcg gaaatcccac actcttcagt cggcaaactg cgaacaagaa caggaaatct 180
gccacgcgca aacacttggg gaggtcagtg ggacactgtt ggtttttaggg aagaaaatgc 240
ccctgtagct ccggcgggga a 261

<210> 530
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04112

<400> 530
aatagagatg ggggatctca tcgtcaccca gggtggaatg cagtgatacc atcacagctc 60
gctgcagcct ccacctcctg ggatcaaccc ctacctcatt ctcttgactg ggactacagg 120
cactcaccac cacactgggc taattaaaaa aaaaaattct tttttgtagg gaagtgggtct 180
tgctatgtca cccagggttg tctagaactc ctgacctcaa gtcacccgtc cgcattatcc 240
tcccaaagtg ctgagattac agacgtgagc cactgcactt ggcctattta gggcttctaa 300
ttcactttcc ttttccttct tgtctaattc ttgtg 335

<210> 531
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04492

<400> 531
gtagagacgg agccatccat gtttcccagg ctggtctcga actcctgggc tcaagcaatc 60
ctgccgcatt ggcctctcaa agtgctgcga ttacagggtg gagccattgt gcctggccaa 120
aatgtgtatt tttaatatgc tgctgagttg actcttgtat gatcaggagg agcatttg 178

<210> 532
<211> 211
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04816

<220>
<221> unsure
<222> (1)..(211)
<223> n = a or c or g or t

<400> 532
gatgtaacat ttgtnatttt attggaaaaa gctgggtatta acatatttat agttttattc 60
aacaattggg taattttgtga gacaccaaag aaaaaaagaa tgcacctatg agttacagag 120
tccaaactga tcagggtgta caacttgacc accatgtntc ccacaccacc acccccacca 180
ccaccaccac caacagcttc gtcctcagag a 211

<210> 533
<211> 276
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F09281

<220>
 <221> unsure
 <222> (1) .. (276)
 <223> n = a or c or g or t

<400> 533
 actgttttaaa tataattgaa gtttttnata tgatgaagtg ctccataatt taaatgtaaa 60
 aaaccaatag gaaatatatg aaataaaaata aaattatacg taaaagtgac aatgcctcta 120
 ttagatttaa cagtatctta caatagaata agttgaaacc tacaaaatgg aagaaagttt 180
 aaaattaggc agatattatc ancctgggtga agaataaata catatgtcaa taagcattta 240
 atgtatttgg tcttagattt tacatgaaat aataaa 276

<210> 534
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09315

<400> 534
 acagaaattg acctttatatt gttgtactaa agcctgttta acttttgata caaagtaaca 60
 ttttagtaca gaaaatccca gtctgtcagc tcagtacctg tctgtgcaca ctgtaccatc 120
 tcagtccac tctgcctgta acttagaaaa cagcccctac cccagaggt ctgagagttt 180
 ataccttgag aatagtcctac agtttttcat agtttgtctg agctagaaaa cttgtacctg 240
 taaaacaaag gacagcattg aggactgaaa cttgtctctt ttttgaacaa ctg 293

<210> 535
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09684

<400> 535
 gctttacata aacttataag gattttttat ttaaaggatt taaaaatata acacagtcaa 60
 tataaacatg tactgggaat tataaaccat tctttcttct aagcactgga tgagatacta 120
 aaaacataca gtatcttacc aatagccatt aaaataggct aaaatgaaaa agaaaccggt 180
 gtaacaaggt tactaatccc ccaactttca atgc 214

<210> 536
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09748

<400> 536
 gaatgaaaga atccagcaga tatttattaa gcaagatgaa agtgaaatta caaacacagg 60
 tcaactttta aactcagcac tctgttggag tggagggtgca cggtccttca tcataggcag 120
 cctatgagag atgcatctta ggaagggagc tttcgctgct cagaaatcaa agtcccatcg 180
 gaggtgtcct actggaggca tcagacaaca agctaaatga cgtaggggt acacaacaca 240
 aaggggaaag ttgacaacaa ttcagggggt ttgagtagtc aagacaatta gcttagtact 300
 tcagggtcaat aatgctaca atttatgggc aa 332

<210> 537
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. F09748

<400> 537

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gaatgaaaga atccagcaga tatattattaa gcaagatgaa agtgaaatta caaacacagg 60
tcaacttttta aactcagcac tctgttggag tggaggtgca cggtccttca tcataggcag 120
cctatgcgag atgcatctta ggaaggggagc ttctgctgct cagaaatcaa agctccatcg 180
gaggtgtcct actggaggca tcagacaaca agctaaatga cgtaggggct acacaacaca 240
aaggggaaag ttgacaacaa ttcaggggct ttgagtagtc aagacaatta gcttagtact 300
tcaggtcaat aaatgctaca atttatgggc aa 332
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<210> 538

<211> 247

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10078

<220>

<221> unsure

<222> (1) .. (247)

<223> n = a or c or g or t

<400> 538

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catgccttga ggaaagctat ttattttccaa gatatagact gtactttttaa gacaggactt 60
ttcagaagca ggaaatttta gttgttgcca gagaggtgtg tcaaggacac agtgaaagga 120
gccatgcgga catgggggtgg aaggctttnt ccaacactgt tacaacactt ttgtaaatga 180
gcaaaacatc tttaaaaatc cttataaatt ctttataata tggtacacat ttagagacaa 240
tattttac 247
```

<210> 539

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10193

<400> 539

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aacataagtc gagaatttat ttggggccaaa tttgggggact gcaaccaagg agacacagat 60
tcaagttgcc atgaatatat gctttgatta gcagtagtac aagttggctt tcaataactca 120
tgtctctctg gatctgatac attttgcata cctcacatag ctcagacatc tctgagctac 180
tttccttctc atttcccctt tttgattgag atcttcctct tctgaaagca ttgataatca 240
acattttaaa cgtagctttt ccccatattg ctaggaaggc tcattcccgg gtaatctctc 300
tctacattgg agggaaagag gagaggcact acagcttaag aatttagtga agtcttaggc 360
taaatt 366
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<210> 540

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10323

<220>

<221> unsure

<222> (1) .. (179)

<223> n = a or c or g or t

<400> 540
aatttataaa tgctttattg aaaaatacac ttatcttcat ataaaattac agtagcagta 60
tcttgagaag ttttataaat atttttgcag acactattct aattgaacaa tgtaagtncc 120
atatttctct cagcaatatg aagtnccatg taacttngtt tatactgatt caattacaa 179

<210> 541
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10980

<220>
<221> unsure
<222> (1)..(256)
<223> n = a or c or g or t

<400> 541
gacttaactc aggcaacttt tttttttaat ttnccttttt cgtatttcct agttatagat 60
ggagtttgca ggtcttaggc caatcttcaa tacaaatnct ttggagcaga ttttaattgac 120
agccctgtcc ctttctcagt catattacaa aaagaagcat acacttaaca ccaatgaccc 180
gtcaagatgc ttaaactggt acaaccagtt tccattaaaa aactgagaag tacataacac 240
gcagaaagga agcaag 256

<210> 542
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F13763

<400> 542
tttttttttt actttaattt ttctttttatt ttcactgaca gaaaaatttt ctggagagta 60
caatcaagat agtgtattat tagaaataac attaatagaa gcttggtcag aaatgataat 120
agtcataata agcatctctc tcaccaaggc attccacaca gagagatcac agcacaataa 180
ataaaggatt tctcatttgc cacacaacaa ataaaacaat tgcagtaaca aaaatatgac 240
ttt 243

<210> 543
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H01068

<220>
<221> unsure
<222> (1)..(342)
<223> n = a or c or g or t

<400> 543
taacttcagt ctcaatctta cagtcacact ttgaaaatac attctgtata gataactaact 60
aatgcaaaga cttatatatg tattgttcat tacagcagtg tttgtagaag gctaaaaaca 120
acctaaatat ctgtcaatag aaaatggnaa aataaattac ggaaaatgaa taaattatgg 180
ttcatctaca ctagcaaggc atgcggtnct ttttttaaaaa agtaagaaat atgtgctaaa 240
tacaaaanga tcttcatatg ccaaaggata aggaatgaaa ggatacaata tatttctcct 300
aggncatatg gtggattgga atatggggtg cttgggattg gg 342

<210> 544

<211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H01824

<220>
 <221> unsure
 <222> (1)..(415)
 <223> n = a or c or g or t

<400> 544
 attcacaana annnnttttta ttatttcttaa cagtactcac tttaaaggaa taagaggata 60
 gcatacattt ttacagaca atatataaat gttgtacata attaacaata acttagttca 120
 ctaatccaaa ataaaacaag ccaaataaaa cataaaaaca gaaaatactg ccgnttcttt 180
 ttcttatgcg ggacactagn tacaaaataa gttacttctg ggccgtgggt gctccctgca 240
 ggcgactgcc cgcccatatt gcacttgggt cactaacatc aggcacaatc ctccctccggg 300
 ggccggggcc ccttcancag ggcccaccac accccgccgt tcaccggcat tacaggaatc 360
 ttaggcttgg gggacagggt tattattaca gctgttacct tggggggngg ggttc 415

<210> 545
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H02308

<220>
 <221> unsure
 <222> (1)..(309)
 <223> n = a or c or g or t

<400> 545
 tgatagcaca ttttagtttt taataaaatc tgctttttac ttatatttaa ataaattgcc 60
 cagttactga atcagaagca tttcttaca agcaaacaata ataagcatcc cttctatgtt 120
 aataacatgt taatagtatg ttggcaaggt gatttagaac aacttgccaa caatacaaac 180
 agaaaaaagg agtgggtcaa agaaatctag tttggcttta ttttcaatag atcactactgt 240
 ctgttgaaaa aggaataaat aattatggag cctatctaata aatataactca atagnttgaa 300
 attattgag 309

<210> 546
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H03387

<220>
 <221> unsure
 <222> (1)..(277)
 <223> n = a or c or g or t

<400> 546
 acgcaagtta gannanttatt tatgataact ctgcaatctt ttcagccact ctttaagggtt 60
 cctggggcatc cattctgggc acagtgtgac atttacctga acagagagga gantggcact 120
 agaagatgag ggagatttgg tgcctaaaaa ttactacaaa caggcagggt gcagtggctc 180
 acgcatgtaa tcccagcact ttgggaggcc gaggtgggtg catcacgagg tcaggagttt 240
 gagatctgcc tggccaacat ggtgaaaccc catctct 277

<210> 547
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05084

<220>
 <221> unsure
 <222> (1)..(372)
 <223> n = a or c or g or t

<400> 547
 tttttttttt ttcacagtga gcattaaatt attattccat acagccctgg ccctggccct 60
 tcttgaggga gtgggggttn tgggggntgc ccagcaggga tcctgccaga tgatgtccac 120
 atgagaaggc aggtgtccaa cagcttcagc ttcacccagt gccccccaga caaataatga 180
 caagtccagg gtcttctgat gtgtcaggcc agcactcccc ttgctgatgg gaaaaccggg 240
 gctcggccag cccactgca tcccctcaca tgatgatacg aggctctngc actgactcgc 300
 caatagactt gtggggcagc angctggctc cggtgaggta ggagctcatc attaactatt 360
 gacgtcctnc ac 372

<210> 548
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05625

<220>
 <221> unsure
 <222> (1)..(353)
 <223> n = a or c or g or t

<400> 548
 tttttttttt tttttttttt gcttcacaaa tgtcaatttt attgacacta gtgcacaact 60
 aaatacaata attgcaaagg aagtggaaag tgttcaaaca gaaatgggtga caatgagtta 120
 gaactgcagt tntttcaagg tactacacta ttatttataaa aaaaaatcac aanagaaaa 180
 atgttatcac tacaagtagg gatttaggaa gngagnaaat tctgggcagt ctgtctagna 240
 gggttaaaac atttcatggc atttgtgagt tgctgttgga gagttgtttt ttatttgtcc 300
 accgtaatct gggcaacatc cgggggctta ccttcagctc tcggcactgt gcg 353

<210> 549
 <211> 501
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05704

<220>
 <221> unsure
 <222> (1)..(501)
 <223> n = a or c or g or t

<400> 549
 tttttttttt cttctgtagt cgtcttttatt tagagcagaa ttcagactca gctgggtatcc 60
 cccagggcaa cccaggatg ggganagggc tgggtctgtcc ccaccactt ctccaggatc 120
 ctcccagccc ccaggctgnc ttttccctcc aactgtcagc tgcttagctg ctcatctggg 180
 gattggagct ggagcatctg tcaaggttgt ctccttgaca aacagcttcc tctttggaaa 240
 tggcttcact caggctcctgc aggtcatcga gcaggacaga gagggaccgc gggaagggaag 300

acagcagatg agcaccagac aaggggaaggt gctcgtgggt acagagggaa acaggggttg 360
gcacagggaa atgaggggaat ggggagagag ggaggctctt tgggtccaag ctggggcatc 420
ncttaaaaga ggtttaaggg tntcgaagga ccncagagaa caacattctt cntgcgagat 480
ttttaagagg gagttttctn a 501

<210> 550

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H08548

<220>

<221> unsure

<222> (1)..(465)

<223> n = a or c or g or t

<400> 550

tttttttttca caaatattgg cttgggttttt atttctatgc ttataaaaaa aatatgaagc 60
ttcttttgtgt ggactgaagg ggtgttagcc tgtggatggt ggtcttcggt gcctgtaccc 120
cagtggctgt ttacattcca ggnccctgct aaataaagna ggctccactg ccagctgtct 180
gtacactttt tcttggggga agagtctctg tcttcagttt actgcagtag ggttcctggc 240
tctgttacat gctcatgtgt tccggaagaa catatgaaat atcatcccac ggatgacgat 300
acagcccctg cttcagcctn ttctgatcaa gatagtntcc aatgaacccc atactccttc 360
ccagcacaaa gatgccattg agggctccaa tgtcaatatt attgcatcag cttcctcccg 420
agtaaaggga cccacagttt tttaaggatg ttttacaatt gcgat 465

<210> 551

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09077

<220>

<221> unsure

<222> (1)..(396)

<223> n = a or c or g or t

<400> 551

ttttttttttt ncaggaaata atatttntaa tacaagtgtt caggcttttca atagttaact 60
atttaaatatt tatatagatt gaggtgacta aagaatgtgt tcaccaaaaa aggcctaaat 120
tcattaagac agtctctgtg aaaaagggat gttaaagggt atgagaaaag ttactagatc 180
tgcatttttta aaataaaaaat gacttttctga gatattggga cagaaggcag ctttagttat 240
ttgggagggtc gaggcataca tgtctactat gattcaccat aaagccatat taggcaggcc 300
attggcccag gtacatttcg gcattatttc cttttgcata tttcatatgg ataaattcct 360
tttaagggtt gaggcaccaa taaaaaatta gggcat 396

<210> 552

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11463

<220>

<221> unsure

<222> (1)..(365)

<223> n = a or c or g or t

<400> 552
 tttttttttt tttttgcaac catttatata cagtgttaca taacagctct ggagtacagt 60
 acatgcagca gaatatacct gttgaatata aaatactttc cttaaaatct tcatcattgg 120
 aattccttga agtctaaatc atagaatgcc cattactttg agaaaatggg tgaggagtag 180
 aaatgtctgc atatgttggc cactgaaata atccaaggct aactgggaat aatattcata 240
 ggcacaccgg ggggtgcataa ntnntttact tacattatta aaatacaacc cataaaattc 300
 aagttcagga tcttataggg attgtctatg gtaaatacct taggtggttg ccgggggaaat 360
 ggcat 365

<210> 553
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H14810

<220>
 <221> unsure
 <222> (1)..(386)
 <223> n = a or c or g or t

<400> 553
 cataaaaaca ttttattcac aaaattgggtc atcacagcat tatttacaat actgnaaatc 60
 tggaaatagc ctaaatttct aacaattgaa agaagggttaa gttaaattata agactacaca 120
 ataaaatata ttaccagcaa tatatctttg tgaaaatcta taataaccac acataatact 180
 tagtaaaaaa gcancataaa ttacatgata aagcactatg accagnanca atgncaaaaa 240
 attcacaccc ccaaaaaaagn acaaggatat tatatgggca attttgtggg taaaatatta 300
 catgttattt gtgnctggca tttctaattt tccccgttaa ctggacacat ncggttttcn 360
 taattagggg gaaanaaaat tacctt 386

<210> 554
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H15143

<400> 554
 tttttttttt tgtgggtcac agttgagggg ttattgccag tgttaggaag aatgggggggt 60
 ctgggtggcc aggggtcttg ggaggaattc caaatgagca ctgcagggcc tgtgagtggg 120
 gaggagagct gctgcccccc tgccacccag gagggcccag ggctgatgcc accatatcct 180
 gactgctagt ggtgccttaa aaggtggcct cccacagga ggggagcctt gggggccccc 240
 aggagtcagc cctcaccaac aagccctctc tcaagggggc caggggcttt tattcctcat 300
 gggacaggct ggg 313

<210> 555
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H16171

<220>
 <221> unsure
 <222> (1)..(295)
 <223> n = a or c or g or t

<400> 555

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ttttttttttt ttttttttaaa ttaaacaacccc ntatganttt attaaatcca gaactgtgtt 60
aaagggcggc ggtctncgag ggggagtntg gtagggggac gagggacaag atgatgaacg 120
gccgtgggca tcccntaggg ngaccccgnc caccgccgcc caaccacccc cctcngcaac 180
gctgcatcag cttcaccatg attcccagtg gtgctgggct gggcagggcg agatggctgg 240
gaaacacaga gggacagagg gacagacaga cgccttccac aaacaaaccc tggnc 295

```

<210> 556

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H16676

<400> 556

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tttttttttta gttttgtggt actacatatg ttttattaaa aattcaaact ttttttcaga 60
tcgaagcata atttatcttc cattaacaaa aacgaagatc ttaaatttga cacgattaca 120
attaaaatgc tgaaaggagt tatgaggcat ttaaatacatt cttcaattag aatgtttgca 180
gcatatttct cagaggctga cctggaacac attacctttg ttggcaggca tcaaaggcag 240
gataaatcct gtggctggaa atcaattgtg agtcccatta ggatgacttt ctaggcacac 300
atgcataggg tcttgcaactg tatccgttct acttctagga aggttgctgt ctggaaggct 360
ctttccctg ggcgagggtca ctttcccg 389

```

<210> 557

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H16768

<220>

<221> unsure

<222> (1)..(471)

<223> n = a or c or g or t

<400> 557

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tttttttttta atttataaaa atgaaaagtt tatttgtctc atggttctga caggctgtac 60
aagaaacatg gcaccaacat ctatttctgg tgagggcttt aggctgcttc cactcatggt 120
agaaggcaaa aaggagctgg catgtgcaga gatcacgtag ncaagagagg atacaaggag 180
atttccaggn ctcttttttaa cagtcagctc tcatgagaag taatagagga agnaagtcac 240
ttactactga gagagtggct ccaagccatt ncataaggaa tcaaccacca tgacacacta 300
gggcctcacc tccaaaactg gggaatcaca tttcaacatg aggatttggg aagggtcaaa 360
tatccaaact ataggcattc taccctgga acgcctaagt atcctgtcct tctcacaagg 420
caaattacat tattttattc ccattagttt cccgaaaact taacttgttt t 471

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<210> 558

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H17333

<220>

<221> unsure

<222> (1)..(354)

<223> n = a or c or g or t

<400> 558

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tttttttttta attgttaata ttgctaattt gtacaatggg taatgatctt ataaaatagt 60
tgtatgaaag caccaaccac cttagaaagt ctgaccagca ttcatatcta ctttccagac 120

```

```

cctcaccct cctccccact cacctgactc tgctcggtc attcatgggc tttcctgtgc 180
tctgccattg ctcagggtgag tgagcagttc gcccggcaca ttgaccaggc agatccaggg 240
cancgatcg gtggagccca ggaaatggag aggtcggcac agctgcagca atgcctgnaa 300
gctgtcctga ttttctccgg cttngagata gccaccactt ttgagcatta ttac 354

```

```

<210> 559
<211> 486
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H17550

```

```

<220>
<221> unsure
<222> (1)..(486)
<223> n = a or c or g or t

```

```

<400> 559
ttttttttat ttttaaaaat ctattttattt atcaaaacag tattggcaca gtaattctca 60
tattatcatc aaataataaaa attgctactt tctgtactca attctttaga atcctagaaa 120
ttgcaaattg attcaattta acaatattgt aaataacaat acaaaagaaa gaactctgca 180
tattttatgga aacattgttg atggtacagt tctactgaaa ctcatacaca tttcactatt 240
taattttacat atggncttgt tgaaaaaaac cagtatgttt tactttttca atttccttat 300
ggctaaaata catgtaattc taaagggata tctcttgggt gttataaaaa ccagggaggg 360
tccaccacca ggtcaagggt ggngtcaagg ntacttcaaa gggtcccttg aatggatccg 420
gaaaacaaat ttttaaccna aaatgttggt ccgntttggg ggggcccttc ncggggcccc 480
caacgg 486

```

```

<210> 560
<211> 477
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H18099

```

```

<220>
<221> unsure
<222> (1)..(477)
<223> n = a or c or g or t

```

```

<400> 560
aaatagtgc atcaaaacct ttattaattt tnctcattaa actgaaatga taaaccaa 60
gaatgagaaa agtggcagta aaagatttag catgaagtat tattttctcag gtaatgtcaa 120
gaatattatg aaaatatata cttgcttata actgaatcaa agaaaatgaa tgcatttacc 180
tttgaaaagc agagggtactg attgccttca agcttcgggt tataggacct taggctggga 240
gctgatggcc ccacatagct gatcttcttg ttttgtaatg agagaaaatg ggaagagtct 300
ctctgggaag gaaaacttag ggtcatttat ctctcaagct ttatctattc cntaatgtat 360
atgggaacac taatagttct gcctatcttt ctttgccaga gtaggaaaac aggttccaaa 420
ataaatagtc ncgaattatc ataaaggcnt aatagggttg ggttttttaa ttatatt 477

```

```

<210> 561
<211> 371
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H18947

```

```

<220>
<221> unsure

```

<222> (1)..(371)

<223> n = a or c or g or t

<400> 561

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ttttttttttt ctttttttag gnttcatgtt tgtttttattt aaagtctggt tgggtacaga 60
aaacacacac acacttaaca ggttaaaata tccaaataaa atttactgca acttttgtag 120
aatttttattt gtgctacaag acacgttgca taagaaacta tttaaagccc ctgaggaaaa 180
aatatccatg gtttaagggtg caactgggtt tgtttcttct ttggggaaaa ggtgatagat 240
ggtctctggg agaaattatg ggggtggagt gagaagcaca atcgaagggt atatggtggg 300
atgattggcg aattgtgtgt cctgggttct tggcagcatt aaaatagcct aatgttttgt 360
tcttttttttc a 371
```

<210> 562

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H19969

<220>

<221> unsure

<222> (1)..(478)

<223> n = a or c or g or t

<400> 562

```
tctaaatatt cagatgtgtt aattacatgc cctagaagct ggaagantca gtggtgttca 60
cactggacgt ggagctgttt gtataatttt catctccctg cacttaaaca tgactctcag 120
tctaataaat tcaaccttgt cattttttaga atctacggga tttctctggc tgtcgtttgc 180
gctgcattta tccgaataca tccagctcgc aggcacctg caagaaacgg ctcccggctc 240
gcgtgtacgc cgacacctcg gcccaacgca ggactcgagg tggtttctag tgcccgggtg 300
gctgcaagtc tgccctccga gggaggctgg gacaagcggc gccccagggt tgcagcggcc 360
tcttcgttgc ctnggcagtg gctgggnagg cncaccng ttgccagttg ttttcgggaa 420
acccgcttgg ccaagtttgc cccgggggtga aaaatgaaag caatttcccc aacagatt 478
```

<210> 563

<211> 187

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H21814

<220>

<221> unsure

<222> (1)..(187)

<223> n = a or c or g or t

<400> 563

```
ttattgaggg ttatttgagt gcagggagaa gggctcttgat gccttgggggt gggaggagag 60
accctcccc gggatcctgc agtctctagt ctcccgtggt ggggggtgag ggatgagaac 120
ccatgaacat tctgtagggg ccactntctt ctccacggtg ctcccttcat gtcgtgacct 180
gggcagc 187
```

<210> 564

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H22453

<220>
 <221> unsure
 <222> (1)..(432)
 <223> n = a or c or g or t

<400> 564
 ttctcttggt gctggagttg taaaaatcaa tgtcccattg ctgagatcga agctccctgt 60
 gtctctgggg ggctcagcag ggacgatggc ctccagagtg gacctctgag aaattgcaga 120
 ggcatcagag ctgtgggctc agcatatgag gtccccaggg gccatagacc cctcctcct 180
 gggaagagtg ctcttcgcaga gcttatttgc aatctcctgg gagtcccaga ctcaccaaag 240
 gattcagatc ctcttctttt tgcctcctac atagagcaca ttatagacct gaaacaggaa 300
 tcagaattcc agactccctt agtgaggaga caaagtgtta ggtcttagct ttttcccttc 360
 taaattaagg gtcctccctg ggattcaggt tgcctgatag cttatncctg aaantggtn 420
 gagataggga aa 432

<210> 565
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H23407

<220>
 <221> unsure
 <222> (1)..(214)
 <223> n = a or c or g or t

<400> 565
 tttttttttt tttctagggg agaagatttt atttcacaag gtgaggaacc caggctgggtg 60
 gccgacgcc acacaccagg ntccgggacg catgggggtct gcacgtggag aggggtgctg 120
 ccgccccagc aggaagcccg acgtaggtcc cagcgtntct gtcagtcag ctgctgccct 180
 gtggcttggt agaggcagga cgtgcaccca gcct 214

<210> 566
 <211> 697
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H23520

<220>
 <221> unsure
 <222> (1)..(688)
 <223> n = a or c or g or t

<400> 566
 ataatatataa tgnaaattca aatgatatnc atggaataaa aaataaaaag atttctcaaa 60
 agatcagnta aaggnacaaa tgaaggcagg aagaaaaaat caaatgtgta atccactgtg 120
 ggatcttaat atcaagattc aaatatgtaa aatgattgct tttaattttg aatatgagtt 180
 ttgtaatgta gaagttaaga gagttttatg gagctataaa gaatgcagtg agttgacaac 240
 cattttcctt agtatttttc cccaagaaaa taagtgtgaa acccgttgat aagncatacc 300
 acatgtataa atgactattc tagattcctc tctctctcct tctgttcctt tcttctgtct 360
 ttctccctcc ctcttctctt tcttttcttt cttccttttc tctctccctc tctcccttc 420
 tccctctcct tctctgtctt tctccacccc tcccatgact ttttcttttt tttttaaata 480
 tacttaagct tnggggacat gtgcacaaca tgcagggtgt acaatgtanc atgtgccgtg 540
 tgggtgtgctg catgcattaa ctgcggcattt ccatagggat acccctnatgc atcctcccc 600
 accaccaccc acagangccc ggggtgtaagt cccntccggg ncggggtnca ctggtcaatc 660
 cnccatgggt ggcatntggg ttgggttttgc ctgaaaa 697

<210> 567

<211> 233
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H26288

<400> 567
aaaaacacca gtttgaaaca cattactgaa agtgagtgtgta cacaataaat agaaaatagg 60
gatgcatagt gctggagaca ttcaaccaac ttatcttcat ctgttgccta ctgttgtaga 120
caaaatttga cacacaatta gcattactga aagagcagcc aaactacctc ggagaaagtg 180
ggcaaactac tggaaaagta gcttaaagct ctgggaccac tcaccaaaaa taa 233

<210> 568
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H27180

<220>
<221> unsure
<222> (1)..(290)
<223> n = a or c or g or t

<400> 568
aggntttatt ttggaccaaa aaaaaaacca caattgtttt ctagctggaa gantgggcaa 60
gggggggtccc agacagtaaa ctccccacag ggtgggttga gcctcaggtg ggggggtctcc 120
tgttgtctgt gcttccccac acagcagcct ccctcctggn gtctgtggca gccacgggag 180
gggcagacta ggaggagctg ccacagtntt tcacttgggc aggaagtcag aggactcaga 240
caccagcttc ccatcgcggg tntcgatctt cttnanaacc acggccctgg 290

<210> 569
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H27675

<220>
<221> unsure
<222> (1)..(292)
<223> n = a or c or g or t

<400> 569
gtgtctccat ggcgagtggg agcgtgaaga tgaccagctt tgcggagagg aagctccaga 60
gactcaacag ctgtgagacc aagtccagca ccagcagctc ccagaagacc acgccagatg 120
cgtctgagag ctgcccagcc cctctgacga cgtggaggca gaagagggag cagagtccga 180
gccagcatgg caaaggntcc cgccagcctc ctggcatctg agctggtaca gtggcacatg 240
cantcgaagg agaagcgag ggccatcgag gccaggaaga agaagatgga gg 292

<210> 570
<211> 116
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H38418

<400> 570

agctgagcat tttttatgtg ctaggcactg ttccagtgtg cggggacgca gctgtgaatg 60
aacagaaacg ggggatggag gacaggggag aaacccctt cacgggtctt tgggcc 116

<210> 571
<211> 212
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H38995

<220>
<221> unsure
<222> (1)..(212)
<223> n = a or c or g or t

<400> 571
tattactgnc ttaatggggn ccaaaggggc aacacaaagg cattgaaaac atcactggct 60
cacaaaaaca gtcaccttgt taccttctca gttgcatttg tttatttcac aaggcttcat 120
tcacacataa aaacaagata ctaatccaat ncaggtcnna acgattataa aagtaaacad 180
ttnttggggc atgtacaata aattgcnctt tt 212

<210> 572
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H40424

<220>
<221> unsure
<222> (1)..(327)
<223> n = a or c or g or t

<400> 572
ctgtatantt tnncttnttt tttctcttgt gatttggcac ttaaggctta agcgcnaaaa 60
aaaaaggcat ctactgacaa aatatgggac ttgtctgtna tgcattgtaa gtgggctata 120
aaatccaggg aggggggtttc aagccagaag aagctactga caaattgact tgtccttatg 180
ttaggtgggg ttatgagggg gagagggagg gcacattctg aggtgctggg ggaaaggggt 240
tgagcttaac cttgttaatg tagggcctgt ggggaatggg atgggtaggg agaagagggt 300
atgggatgtg ggtgcagggt aggggct 327

<210> 573
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H44631

<220>
<221> unsure
<222> (1)..(448)
<223> n = a or c or g or t

<400> 573
actcagcatn cnttttattt tnctatctga catttctaac aaaacgccag ggagacggag 60
ttaaaaaaga tccacccac gaaaggtaaa caaaggagac cctcagaaac tccctggcaa 120
ggatgttccc ctccccagat tgggccagat ttcaccagca actgggtctc agactcagcc 180
ttatgccttt ccaactgacac cccccacccc tccacantct cgtgattcag accaggggaa 240
ttctcggggt gattgtgtcc gtgtgtctga gggaggggca cgctggaacc tgggaacctt 300

ctgggcacct ctaatgcaga tgagaaaaac ttgagaatgt gaaaggagat cagtccccgn 360
 tcccacccga aggtgcagag acgcgggaca ttaaccagca gnacgcgggg gtgaaggaac 420
 tcagggcaat ttctcccant gccagggg 448

<210> 574
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H45265

<220>
 <221> unsure
 <222> (1)..(339)
 <223> n = a or c or g or t

<400> 574
 nannttttat aaatnataat ttaataaaat aaaaataggn gcacaaatat tggcatacag 60
 taggtnccca ataaaagggtg gtggatacac agtaggtttt cagtaaagga tgatgggcag 120
 ggcattgcagt agggcagcca ctcaactgtcc ctgcacctgg cctccacccc tgggctcacc 180
 tcaccagggg gaatccccag ggcacaagcg gtcacacagct ggcattcctct gccacaggtn 240
 taccttggtc aagttcctca gcaccaacac atccccctgg gtggctcctt gggaccaccc 300
 gttcccnttc acggtcttac atcctcgtcc tectttccc 339

<210> 575
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H48263

<220>
 <221> unsure
 <222> (1)..(368)
 <223> n = a or c or g or t

<400> 575
 cacatcagtt aatnntanna agactcacct gatcacatca acagatgcag aaaaggcatt 60
 taataaaatc caacacctgt tcattttcaaa aaacactcag aaaactagga acagtaagaa 120
 gcttcctcaa cttgataaac aacatatatc aaaaacctac aactatcatc ataattgatg 180
 gtcagaaatt aaagctttcc cactaagatc aggaagcggg caaagatgtt ccctctcatc 240
 atcctttttcc atcatatcat actgggaagt cctaggctaa ttcaataagg aaaagggana 300
 taaaaaggta tacaggattg ggaaggcata aaataaaaact ggtcttttgtt gacaggncaa 360
 catggtgg 368

<210> 576
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H48475

<220>
 <221> unsure
 <222> (1)..(387)
 <223> n = a or c or g or t

<400> 576
 nnnttacgtt tgcaacattt aatgtgaaat tagttncata ctgtttcctg aagatgctga 60

tggtgtaggt	caaatgaaac	atcatagaag	aggcagtata	tgtatatcct	ttagtatatc	120
ttttaccttc	agaaactttt	ttttggagac	agagtgttgt	cctggctaaa	taaagtgcag	180
tggccgannc	ctgggctcac	tgcaacctcc	gcctcgtagg	ttgaagtgga	ggttgaagtg	240
ggccaagact	ggtatactgc	actccagcct	ggggnataca	gagactccgc	ctcaaaaaca	300
aacaaaaaaaa	ctaactggta	atttaaaaaa	taaagtttac	agttgggctc	caatgtatct	360
caaagtccaa	actgggccgg	gggccag				387

<210> 577

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H48793

<220>

<221> unsure

<222> (1) .. (346)

<223> n = a or c or g or t

<400> 577

gatttaggag	attccaagtg	ataccttta	ttcactactc	tatgtcctta	ttaataaata	60
catatttaaa	aaaacctata	caatatagtg	tatttacagc	atggaagagc	agagactctg	120
aagccagact	gcctgagttc	aaatcctgac	acttctactc	aaatatgtgt	gagtgacttt	180
gggcaattta	cttactcttt	ctgtgtttct	atttactcgt	ctacaacaat	aatttctacc	240
tcatcaaatt	aaattaaaaa	aaaaacggct	taaatagggt	aacatttgta	aataggctta	300
ggaaaacact	acatttaaaa	aaataancat	tcctaaccce	ccttcc		346

<210> 578

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H49440

<220>

<221> unsure

<222> (1) .. (458)

<223> n = a or c or g or t

<400> 578

ggagtttcac	catgttggcc	aggctgggtct	caaactcctg	acctcaggtg	atccacctgc	60
ctcagcctcc	caaagtgctg	ggattacagg	catgagtcac	tgctcccagc	cattagaaag	120
attgttaatc	ctatgaactc	cctttttag	gagagaaagg	gccaatctgt	aggggtagcc	180
ctgtccaggt	aaagttgttt	tcagcctcat	gtctactgtt	aggtgaggga	gtcacagcca	240
gacagagagt	attgctggag	ggtgagagaa	ttgtggagac	caactaccac	atagcaagag	300
cccagctctt	gggagcattg	agatgtaagc	tcagggttac	acagttccaa	atcttgggga	360
aggggctttt	tcagacagac	tgtttgcttt	ctgctgagat	taaggaattg	catcantctg	420
ccagagtatt	gactttttta	cagattatta	aataaagg			458

<210> 579

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H52835

<220>

<221> unsure

<222> (1) .. (446)

<223> n = a or c or g or t

<400> 579

```
cggataccct gggggcctct gctcctctct ttgtggagac gtcgtttcac cggcggcgcg 60
tgaccccggc agctgtccag agaccagag atgtccaatc acaggcgcac ggtgcacagg 120
cgcgaggggc tgcctggaac gggcccaggc aggcagtgc cgggacctct ccggagggag 180
aggaacggtg ccctcccggg aggagctggc caggcaggcg ctgcccaggg cggccttccc 240
tgctggacta cggcattgcn actgagttat ataaagacac tatttgggga aggacagcgg 300
gtgaggactn ggcgcggcgg cacacgcttt gcctgttgn ttcagctctt ctggggggcca 360
aggcagggag ttccagggtt tacagtgcgc ctgatngcca attgctttcc aaaagagaga 420
aacagagaga aagggattna ggcttc 446
```

<210> 580

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H54764

<220>

<221> unsure

<222> (1)..(386)

<223> n = a or c or g or t

<400> 580

```
gatggagttt cgctcttctt gccaggctg gagtgcaatg gtgcaatctc ggctcactgc 60
aacctccacc tcctgagttt gagattctcc tgcctcagcc tcccactggg attacaggcg 120
cctgccacca cgcccagcta attattgcat ttttagtaga gatgggggtt caccatgaaa 180
atttttatth ttattaataa agtgcagtag ttagtcatga aggcagagcc agggcggcct 240
gcataccaaa tgtgaaggaa cagtaccaat tgacaaagga aggcacaaaa ctaggacaaa 300
ggaaaaggga cttcaattaa ataaggtaat ttggaaacta ctggaaaatt gagggagggg 360
aatngcaaa taaaatnggg gaggca 386
```

<210> 581

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H56673

<220>

<221> unsure

<222> (1)..(384)

<223> n = a or c or g or t

<400> 581

```
gttaccaaga cacaatttta agatcaaaca agtgtcaagg taggccatgg cttggttgga 60
gtagtggggg ccctatggct atttccagggt atgggtggcc ccttttcctt gggtatctgg 120
ggaatctgcc acagcagaca gcaaaaggta aaaagcatcc ctttaataac tacacccac 180
tccagcaatt gaggtttatt cagggttggt tcaaagtagt acaagacaaa aatagcttag 240
tgaaatggnt tagaatccag actgaggtgc cagactgcct gcatctgagg tctcaggtcc 300
caccatgtat ggaggccgtg tggaccttg ggggtgaggt actaggcctc cccgggggtt 360
caaattctt tcacctgtaa aatg 384
```

<210> 582

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58781

<220>

<221> unsure

<222> (1)..(405)

<223> n = a or c or g or t

<400> 582

```
ctctttagc ccaggctgga gttgactggc attgatgtgg gacgcgggga gtgaacaagc 60
aaacactggg gctgtaggag tgaagagaaa ggaatcaaag gaaggaaatt cccatccccc 120
agaacaaagg agaaacatgc tcttgtgatg agcacgcata ggatgaggct gcacctatgt 180
caggaaaaag ccgttctgcn gaaggcccat cagagacaga cttgactctg gacacctagc 240
cccacaaaca ttgtctgctc caacacatat ccagttttcc ccataatttt atgtaaaacta 300
ctcagggtat actctcattc ttacttggaa actaaatttg tatggntatg gcctgtggta 360
ctctaggaag gtttctctaa agagggggagg gatttaaata aaacc 405
```

<210> 583

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58873

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

<400> 583

```
actataactt agtgtctgta tttaatattg acaaccaaaa atatatan tttntttgca 60
tctatacaca acagggcagg agtctccatg tnttcttgag cagtgaagttt gcaggctccc 120
acagggccctc ttctcatggt aatagtgtgg ccctagtgc aaggagacta gaacccggca 180
gccagactg gcccttcccc tctcctccct gcactccagt gcttcccaac tgggtctcagg 240
taaagaaagn ttantttgag tgggtgggta ggaagagatg ggaaggggca aatcctaata 300
ggagcctgac ccctagagtg gggagttcca gggccagcag aacgggtggg ccatagccct 360
ncctggggnt agaagctttg tagttcatag ttcgattagt ntgtccntag ggcattnagg 420
nccagcccta cagattagct 440
```

<210> 584

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59141

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 584

```
aatanaaggaa taataaattg atttaataat ttgaaagaac tgtaaggttt aggtttttgtt 60
cttattttta gtgcgactga gattggagtc tgttttaga catatctgaa aaaagtgaag 120
ggggagatgg aagatggtaa atgccaaagg aaagatggaa ggataaatca gtgtaataaa 180
aaggagcact tctttttcgc caacagaagt aaaggtaaag gttaagtgtc tgagttaacg 240
aatggattgt tgacctctgg ggagggtgct cccatcagct cagctttgtg acgacctaa 300
gaatatccct tccacacctt tctgatcca atcgttctgg gctgcataaa accacctaaa 360
tcaatcaact gttacacttc ccttagtgct aggggcatat tccnataac tccc 414
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<210> 585

<211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H60595

<400> 585
 aagacagagt ggactgttac aaatgatttt gcaaaataca aaaatagata tacttccact 60
 gaatgcttta atcatttttc cgggcactct catcttttgg ttcttcctca tctgagtaca 120
 cagtgggctc ctccccctcc ttcagcagtt tgcccacgtg atgatacttg aaagtgaact 180
 gagactccca gtcactcaga gtctcctgct gggcgagtg aggtcagaaa ggcatcgtg 240
 ctcatccttc agtgcttcct tatccgggga aaatgtgggc aagg 284

<210> 586
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H61295

<400> 586
 gaaccctcta agggacctca aagggtgattg tgccaggctc tgcgcctgcc ccacaccctc 60
 ccttaccctc ctccagacca ttcaggacac agggaaatca gggttacaaa tcttcttgat 120
 ccacttctct caggatcccc tctcttccta cccttcctca ccacttcctt cagtcccaac 180
 tctttttccc tatttccttc tctcctgctc tttaaagcct gcctcttcca ggaagacccc 240
 cctattgctg ctggggctcc ccatttgctt actttgcatt tgtgcccact ctccaccctt 300
 gctcccctga gctgaaa 317

<210> 587
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H61361

<220>
 <221> unsure
 <222> (1)..(462)
 <223> n = a or c or g or t

<400> 587
 gctggggctt agctgggagg tgggtctgaag cagacaggga atgggagagg nggatgggaa 60
 gtagacagt gctggtatgg ctctgaggct ccctggggcc tgctcaagct cctcctgctc 120
 cttgctgttt tctgatgatt tgggggcttg ggagtcctct tgctcctcatc tgagactgaa 180
 atgtggggat ccaggatggc ctctcctcct cttacccttc ctccctcagc ctgcaacctc 240
 tatcctggaa cctgtcctcc ctttctcccc aactatgcat ctgttgctctg ctctctgca 300
 aaggccagcc agcttnggag cagcagagaa ataaacagca tttctgatga aaaaaaaaaa 360
 aaaaaaaacc gcggccgaaa gcttattncc ctttaagtaa ggggttaatt tttagcttgg 420
 gcaactnggcc ntcgttttan aacgtcgtga attnggaaaa cc 462

<210> 588
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H63994

<220>

<221> unsure
 <222> (1)..(512)
 <223> n = a or c or g or t

<400> 588
 ccctccaagg ttcacatggt ggaatgtaaa cccaaggtg atggtattaa gaggtaggga 60
 cttcaggagg tgattaggcc atgggggatc tgcattcgtg aatgggataa atataccttat 120
 aaaacaggct tcagagagct gcttggtcct tgcacctctt ctctcttcta ccacgtgaga 180
 acatagcatc tgtcacctcc agaagaagca gcaacagaca tggctcttga agcagagagc 240
 aagtcctcac cagacaccaa atctgtcaga acctaatct tggacttccc agcctcaaaa 300
 actgtgagaa gtaggtttct gttattatat atcacccagt ctcaagtatt ttgcaatagc 360
 aacagggaat aggactaagg acaatgagtt ttgcacaatc taacttttaa aacctccngg 420
 taaggcaaag cttgagtttt attttcatgg atttaaaagg gncaagtaag ggattttctc 480
 ggttnaccgg ccttattggg gtcnggtatt ac 512

<210> 589
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H64411

<220>
 <221> unsure
 <222> (1)..(280)
 <223> n = a or c or g or t

<400> 589
 tctgcttgaa gaagggagca ggcaagggca cagatgcagg tggcccatg ctgctaaaga 60
 caggctggaa ggtcggggct gtggtgctgg tggctcgtgg gagggaggag ctggagggcg 120
 ctgtggctga gactgaagg ccaggcggtg tgaggccttc cttctcactc ttgggtggag 180
 ccgtgaaaat gggcttgaac atgggagatg ctgaagatgc agcagggggcg gcagggctgg 240
 aaggtnaggt nttctgtgtt ccaaacagga agctttgctt 280

<210> 590
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H64493

<220>
 <221> unsure
 <222> (1)..(370)
 <223> n = a or c or g or t

<400> 590
 ggggtgcttta tttccatgct gggcgcccgg gaagtatgta cacgggggtac gtgccaagca 60
 tcctcgcgcg accccgagag cccggggagc gggngcttgc cggccgctgc actcatttac 120
 ccggagacag ggagaggctc ttctgcgtga agcgggttgag cagagcctca tgcatacagg 180
 agcatgagaa gatgttcccc tgctgccacc tgctcttgct cacgggtgagc ttgctgtaga 240
 ggaagaagga gccgtcggag tncagcatgg ggaggcntgg gtnttgtagt tnttctccgg 300
 ctgcccgtcg ctttcccant ccacgggcga tgctcgtggg ggtagaagcc tttgaacagg 360
 gaagtcaggc 370

<210> 591
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H66642

<220>
<221> unsure
<222> (1)..(460)
<223> n = a or c or g or t

<400> 591
ttaaagacag agtttcgctc ttgttgccca ggctgtagtg caatggcgcg atattggctc 60
actgcaaccc ctgcctccca ggttcaagtg attctcctgc ctcaccaagt agctgtgatt 120
acagggtaccc gccaccatgg ccagctaatt ttttctatct ttagtagagc cgggggtttca 180
ccatgttggtc caggctgggc tcgaactcct gatctcaggt gatccacctg tcttggcctc 240
ccgtgctggg attataggca tgagccacca cgtccggcca aattttactt cttaaaagt 300
cttttctctc agtgatatca aggtcttctg tctactatta taaccataag cttctttagg 360
cattaaggag ggaaaatgtt taataaaatg taattaaact gggatggaat ggtcagtgt 420
tttaaagtga aatatactta aatgtaatta ccggggnggt 460

<210> 592
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H68097

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

<400> 592
tgaagtttat ttncctctggc agtatgtttt agtttcttgt ttttnatttt gttgtgtgtg 60
tatgtgttgt agattttatg atttgaggtt accatgaggc ttgcaaataa cataacatgt 120
tatttttaaag tgacaacttg acaactgattg caaaaacaaa cagggcgaag agaactaata 180
aaaactgtac actttaactt cattcctcct gttttttnaag gtttttatgg gtttctatct 240
atatctcctt gtactatctt gaaaagggna ttgcagggtta tcatttggtc a 291

<210> 593
<211> 274
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H77531

<220>
<221> unsure
<222> (1)..(274)
<223> n = a or c or g or t

<400> 593
ggtattcaat gcgtgttcat ttatttnaca cttacaaaag aaatcgccca cccctttgcc 60
ncattccccc aaaacagtct cttttttacaa acatttataa attaaaacca aatgaagata 120
gacaagttaa tttcagtaga attatttttc agtgtagctg tcataattag agtttaaatt 180
tcctacaagt gaccaatgtc caagtgactt atagggaat cctgattatc ggccaaagga 240
aattcaatnt tacaagttag caaattctag gtac 274

<210> 594
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H77597

<220>
<221> unsure
<222> (1)..(317)
<223> n = a or c or g or t

<400> 594
tcaagtctaa gtgtttaatt attattcaca tatttcacag aaaaaaagga atgtagcaaa 60
tgagtcggag ttgtagaaaa aaaaaatcct ggnttttacg tgtcattctg ttttcattctg 120
acagcagggc tgtcccgaca tcaggcacag cagctgcact tctctgacgc ccctttgcag 180
atgcagccct gggcacactt gggcacagcc caggggnaaa caggagcagc agcctggggg 240
aaaaagggag agagaagggtc acaggcagac ttnaccaggg ganctccctt tcccaacagc 300
aggcctgggc tcaagct 317

<210> 595
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H81070

<220>
<221> unsure
<222> (1)..(340)
<223> n = a or c or g or t

<400> 595
caggtctaaa gtgtttaatt atcactcaca tatttcacag gaaaaggaat gtagcaaatg 60
ggtcaagggtg gtataaaaaa aaaatccagg tttgtacatg tctctctgtt tacatctggg 120
agaaagggttg tcctgggcat cagtcgcagc agctgcactt ctctgacgcc cctttgcaaa 180
cacagccctg gggcacactt gctacagccc acgggnagnc agggagcagg cagctctttc 240
ttgcaggagg gtgcatttgc ctctttgcac ttgcgggaac cagcgcggtg caggaggagc 300
accagcggcg caggagcag ttgggggggtc cattngcaag 340

<210> 596
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H81379

<220>
<221> unsure
<222> (1)..(330)
<223> n = a or c or g or t

<400> 596
ttaanntttt ttaaaaccaa aagaacaact ttaataagct tttacggcac tgcaattaca 60
ggaacatcga ccataacat gcaacaaaaa tgattttgcc ttttggacat atttaacaga 120
taaacttgac attacaagta acagcaacac attcccatc tactgaagaa aacaaatgcg 180
atttaacttt caggttagaa aacgtatctt cttactgcaa tctcaagtng gcatttngaa 240
agtttagttt tcccttttct aacctctaaa agatgatatg atttttaatg caatcataca 300
caactgtttt cacattgggg aatantcacg 330

<210> 597
<211> 419
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H81413

<220>

<221> unsure

<222> (1)..(419)

<223> n = a or c or g or t

<400> 597

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ngagccagaa aaggattttt tttaattcaa gtaactgaaa taggaaacca gagggggagc 60
cccaggctgg gataaatcat ggctaccctt cccaacaga acagggggag gaggtggccc 120
ctacacccat tatggtcgat tcggggcccc ttgctcactc tgctgcagca tcctagaggc 180
agggccccac cttccctggg actggggtag tcggtcaccc agcctgcatt gccccagccc 240
ctnttccccca caaagagtat cttgggggag ggnttcgtgg ggcagaacag gagggcaatg 300
agggatgaac attgctcaaa ctcttttcaa aggggcacct gaccgcacag gggaggntgg 360
gcaggaaggg caagggntgg gggatgccgt ntaaggaggg cggangcagg canttttgg 419
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<210> 598

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H83380

<220>

<221> unsure

<222> (1)..(386)

<223> n = a or c or g or t

<400> 598

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ttaattgcag aaaaattttat taaattggaa aatcttgctt ttttcaatgg cgctggcccc 60
gggtcagcgg cgattttctc tgcatacaaga tgggctttgc gtttccgtag tgggcaccag 120
tggtggcctg attgtcagtc ttctcccggc atttttaagg ccaggggagcc gaagcgctgc 180
ttgtaggcga ataccctaca gagcgggtttg gctttttaaa ttactgttat tattttgggc 240
agagaacagt cgggtctgggt gcaccccgct ctcgctgcag aagaggctgc gagtccgagg 300
tggggctctc cggaaggtg aaattccttc tnggggntna gcgagccccg gccccgcgcg 360
gcagtccagc ggccccgggtg ttgttg 386
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<210> 599

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H84761

<220>

<221> unsure

<222> (1)..(335)

<223> n = a or c or g or t

<400> 599

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cggcacttta ttagtgggga aacnccgcnt ggncctggcag agactgggat caacaggacc 60
ngcaccatc tcgagnggtt attttcngta agancaggng ttccnccctc gtaggttttag 120
aggaaacacc ctcatagatg aaaaccccc cagacagca gcaactgcaac tgccaagcag 180
ccggggtagg aggggccc taggcacagc tgggcccctt agacagcagg gcttcgatgt 240
caggctcgat gtcaatgggtc tggaagcggc ggctgtacct gcgtaggggc acaccgtcag 300
ggaccaccca ggggactttc ttcaaagtcc cnggg 335
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<210> 600
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H86112

<220>
<221> unsure
<222> (1)..(178)
<223> n = a or c or g or t

<400> 600
gcttaatggg gccaaagggg caacacaaag cattgaaaac atcactggct cacaaaacca 60
gtcaccttgt taccttctca gttgcatttg tttatttcac aaggcttcat tcacacataa 120
aancaagata ctantccaat tcangttcat aacggttata anggtaanca tttgttgg 178

<210> 601
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88338

<400> 601
atgcatgttt aaacatttaa tctagaactt gattacaaag taattttaatg aagaaaataa 60
tctgttataa ttcttataga tgtttattag ttttttagatt taaaaaaaaa acagggctta 120
taattaaagc aattgactaa tgatctcaca gcctcaagggt tgtatgcaaa cctagattag 180
aaatactttg gtctctaaaa ataacaaaat ggaccataac attttttttc ttacaagttt 240
gaagtgggtc aattatgggg gaaacacata cattcctaag gggaaat 287

<210> 602
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88798

<220>
<221> unsure
<222> (1)..(337)
<223> n = a or c or g or t

<400> 602
nactttaata agtataaagt atataaacia ttaggtaagc ttgtggagaa gctgaccaag 60
atacataaat taggaaatac aagtgtccat ctaaattttc tatatttcat ttttttcata 120
atatttatta aagggtgttta atatacagtt tctcatctgt cattttggaa gtcctttatt 180
gtaaagacaa ttctattgtc tgatgacaaa cagcagccac catgggttatt caggacctcc 240
acgttggata aattccattt cttcttgaga cacaagtttc cttctggtat ttctgaggta 300
atggntttta ttatttcttg cagtgtcttg tggaccc 337

<210> 603
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91703

<220>
 <221> unsure
 <222> (1)..(321)
 <223> n = a or c or g or t

<400> 603
 ccataagaca agtgacatat ccaaccaacc atccatcccc acctgtgccc tattctttcc 60
 ttgtgtttct ttagagcctt ttcagctatt tcctgtgaag caaactgcac gaaggcctcc 120
 cccgtactcc tcccctggaa gtccaccggc aatgttatcc catttggcac gatttccaac 180
 ccttcaaccc aaggacaaat aaccccagta gggggncaat attaacatca caagcccagn 240
 aaatgattct tcttataggc tttaaataaa ccaggacttt ttaactttag ggtgaatggg 300
 tatgctttca acaagtactc t 321

<210> 604
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94471

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 604
 tttgttactt ttacatgatc tttattatatt aagaaaaacc tcttttaacc atttatataa 60
 cagaaaaaaa atagggagggc tggtagatca tcacatatat agtagctaaa atatgaaagg 120
 ccagggaatt tattattaat gaagtcataa aacagactta accaaaagtg tgtgctagga 180
 aacaagcagt ttcacttcag agacttcatt gcaggaaccc agtttcctta tgtggaaaaa 240
 agtgattata aataacagtt atctgaaagg tgggttgagag gattaaatga gatcacctat 300
 gcaaacaaat acatgtaggt atgaaagacc atccgtcctg ggggtngtggt aaagttaaag 360
 tttccccncc agaacccttc cctttaagggt cctta 395

<210> 605
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94475

<220>
 <221> unsure
 <222> (1)..(373)
 <223> n = a or c or g or t

<400> 605
 tttttgcccc ttcatctctt attcaggtgg cataaaaaatc actacaaaaa ccttacaaaa 60
 gagccttaag gagctcatgg gatccttccc tgcctcgggt cctgagctcc cgggcagagg 120
 agggagacag gagaggaagg aagggaatg ctggcagtggt tgggatctcg aggagccgtg 180
 ggaagtctgg cgtgacaagg cacaggggggt aggatggagg ctgatggact ctcggcaggt 240
 taggccacag ccaaggctgt gccangacac gagttccacg cggggctgag gacaacgctt 300
 cgcctcccga gccaccacca gggcccgtct ctccccaccc taagcctagg tgtcccggga 360
 caagtcacaaa ggc 373

<210> 606
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H95960

<220>
<221> unsure
<222> (1) .. (417)
<223> n = a or c or g or t

<400> 606
ttttattggt ttagtaatat taacataact taaaataaga gaggggaaat gacatctgga 60
gatctaggta tgtggcccat tgcaattgag cacatttctt gggctctgtt ctctatctct 120
aagggcagtc tcaaaacccc agctcaaaat acgacactaa catgatgaac atgcatgagc 180
tttgaaaagt gctctgtagt cttatgatga tctagaagag cactgtccaa tagaactttc 240
tgtgatgatg aaaagattct acttctgacc tattcaatag ggtaaccact aatcatgcat 300
ggctctcaag cacttgaaat gttgctagtg tgattgggga gctgcgtttt gaatgttaac 360
naatttanat tttaaatcnt taaaaagttt acatgtgggt tagtgggncc ccgtacg 417

<210> 607
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97538

<400> 607
atttttgtag ttttgggcaa aacattcact gttctgtttc agcatatttc cttggaacat 60
cttcatctct tccatttttg cggacactcc ccttcttcta ttctccttta ctcaaaacat 120
atggtttaga cccacatcat ggctttcttg tgggaagcct ggatgggact aggaaaacac 180
atgtttccaa catggtgcat atctgtttgt gcagatatca gacaagattt aatcttgtct 240
aacttatgcg tattgttttg atgtttgcct gtggttattc tgggcacagc aatggtggac 300
attattgaaa atgaacttta ttggcagatg aaagataata gaacatgaag atttatgaac 360
taccataagc tctgcatctc tgggtcttca tttccaaagc agcacttgga aaaccaagcc 420
cagtttcagg caaagagtt 439

<210> 608
<211> 543
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97868

<220>
<221> unsure
<222> (1) .. (543)
<223> n = a or c or g or t

<400> 608
cagcnagctg tgctttattg acaatgcgga ctggtatgta cgaggccgaa ttcgacttca 60
gagaagcact ggaggacggt ggagaagaag aggttctcgg actttctccg tgactaagga 120
catgcgaggt taaagttgtc ttcttgagaa cttcagaggt cagtccaggc tttggatctg 180
ctgcagttga actgggtaaa ttagaacctg atagttgagt ggaatgggga aacagtaacg 240
tcgaggaggt gcccttcgat gcagaaaagg gtgtagagtg agcggtagtt tgaaaatacg 300
tagctgattc ttccaccacg gccccaccga catccagcct cctagtgtg gaactcctct 360
aggacagagg ctccctcgag gttaactggg tcgggtggtg tgttcggatt agttggagaa 420
acaaggagaa agcaggtggt ttaacaggcaa gctgctcaga ggtagtggga gaagaagtta 480
actgcccatg cttttgctga agggccatcc catgaagcat tcaggatgtg atgaggtctt 540
gag 543

<210> 609
<211> 317

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97889

<400> 609
acattaaaac aaaaactttt tattcaccca gaactgggaa tcacaattag taaagaccat 60
aatagaatta acaaacagcc ctagaacaca tatttaaatt tgcagtgggt gttaagtagg 120
aaaattatga ctccatcaac tcttccttgg taggttgatc ttgcttttcc tgaggcacca 180
ggactcttca ctgttatgta aagaactgtt aacctaaaag acatagaaca gtgagtggcc 240
acctctacca gctgtgatca agacctcccg ggatccagag gatggtctaa tagttcatta 300
aattgctgta ggacact 317

<210> 610
<211> 495
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98676

<220>
<221> unsure
<222> (1)..(495)
<223> n = a or c or g or t

<400> 610
tgctgggcat gtaaagtga gggttacctg ttttttttat cttcatacat ccattcatca 60
attcagtcac acacttaaga actattaatt aaatgcctac cctgtggcag gcactatatt 120
aagtgtgag gatacaatga aagatatgac tgggtgggttct tgaattcatc tcaactgtcta 180
ctggagaagc ctaacctata aacacagtta caactatgtg atgtggactg taatggagag 240
gtgcacacat gtaagcagtg atgggagcac agaggaggaa gctcttattc ctcctctgca 300
atggtgtgga gtgttgtaag aggcctttca gaagagatga tatttgaacc cagtcttgga 360
agaatggagt atgggggttt cntaggtgga actaagatgc caaaagatgg tattccaggg 420
tantggggaa gagcatgtga atttnggtga ataaaggatg atagatgagt gaaagaatag 480
ccttaaggta ataaa 495

<210> 611
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98835

<220>
<221> unsure
<222> (1)..(440)
<223> n = a or c or g or t

<400> 611
caagatcctg cctcccaagc ctataagctt taccaggaga gaggcaggcc ccaccccaag 60
atccactatc cactctttga agaaagatta gagccatgtt ctacagacttt gggctgcatc 120
ctaattccctg cgaagtgcac aatgtgtgat gactccaccc tccaccgat ccagaggggc 180
tggggtgaga cccaaggctg agaggcctcg atggcttctt ggccccatct ccggcagcag 240
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. J00277

<400> 618

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<213> Homo sapiens

<220>

<223> Genbank Accession No. J03040

<400> 619

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<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M16336

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<212> DNA
<213> Homo sapiens

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 <213> Homo sapiens

<220>

<223> Genbank Accession No. M19283

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<211> 961

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M20642

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M24069

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<211> 565

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 1045

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. M30894

<400> 676

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<220>

<223> Genbank Accession No. M33197

<400> 679

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<213> Homo sapiens

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 <213> Homo sapiens

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<212> DNA

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<223> Genbank Accession No. M35252

<400> 686

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<223> Genbank Accession No. M37766

<400> 687

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<211> 2938

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M54927

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<211> 1104

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M57466

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gagagacaga	gtcgatactc	tttgtataac	tctcttctac	ctggaaattt	tcctgtgggt	14460
gagttttgga	ggattttggc	tttggtttga	atgaaactgt	tcccttacct	cagggttttt	14520
caagtqtaqt	ctctaga					14537

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<210> 715
<211> 309
<212> DNA
<213> Homo sapiens
```

<220>
<223> Genbank Accession No. M98539

```
<400> 715
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```

ttccccgagc	ccctgccccg	gctccccgcc	aaagcacccc	tgcccactcg	ggcttcatcc	180
tgcacaataa	actccggaag	caagtcagtc	tggctcctgg	ctgtctgcgc	tgtcatcacc	240
cgtcctgggc	ctggcctggc	cacccggacc	tccccctcta	aaatctcage	ctgacgtcaa	300
caaaggaac						309

<210> 716

<211> 2653

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M99487

<400> 716

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gcgaattcca	gcctgcaggg	ctgataagcg	aggcattagt	gagattgaga	gagactttac	180
cccgccgtgg	tggttggagg	gcgcgcagta	gagcagcagc	acaggcgagg	gtccccggag	240
gccggctctg	ctcgcgccga	gatgtggaat	ctccttcacg	aaaccgactc	ggctgtggcc	300
accgcgcgcc	gcccgcgctg	gctgtgcgct	ggggcgctgg	tgctggcggg	tggcttcttt	360
ctcctcggtc	tcctcttcgg	gtggtttata	aaatcctcca	atgaagctac	taacattact	420
ccaaagcata	atatgaaagc	atTTTTggat	gaattgaaag	ctgagaacat	caagaagttc	480
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aagcaaattc	aatcccagtg	gaaagaattt	ggcctggatt	ctggttgagct	agcacattat	600
gatgtcctgt	tgtcctaccc	aaataagact	catcccaact	acatctcaat	aattaatgaa	660
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gacaaaagca	acccaatagt	attaagaatg	atgaatgatc	aactcatggt	tctggaaaga	2280
gcattttattg	atccattagg	gttaccagac	aggccttttt	ataggcatgt	catctatgct	2340
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tcttttagaga	atccgtattg	aatttgtgtg	gtatgtcact	cagaaagaat	cgtaatgggt	2580
atattgataa	attttaaaaa	tggatatatt	gaaataaagt	tgaatattat	atataaaaaa	2640
aaaaaaaaaa	aaa					2653

<210> 717

<211> 385

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N20967

<400> 717

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aaagtagaga cgggggtttca ccgtgttagc caggatgggc tcgatctcct gacctcgtga 60
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ctttactttt ttgagagggg ggggcagtcg ggaaaagctt ttgagaacta tggactccca 180
ccagcagtaa tgtgcactgc acacacacag catcctgcag acagcctcga gggcacgccg 240
gcaccctgaa gcgcgtgcag aaccccatgg tactgacctc ctccaaacaa ctggtctgtt 300
ctgttcgacc ccaaaggagc ttgccccgtg tgcgtcaggg gatcaagagt ggcagaggat 360
gtctgtttct ggcaaactcc ccttg                                     385
```

<210> 718

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22006

<400> 718

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ttttgaattc ataatacatt attgttaaact actcacagtt tacacattac cagtggcaaa 60
ataacactgt taaacaccta ctggatgaag aacttcattg tgactatttc caattgccat 120
catatctttt tctaaaattt aaaattttaac ttttaaactc tacatctttt ctgaaaatat 180
ctatcttcaa agtgctccaa tactaacact ataagccctt tcttttgctc taacatctaa 240
cacaaagggc aactgtccc attaatcca catgcacttt acaaagcaac ttcacacaca 300
a                                     301
```

<210> 719

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22006

<400> 719

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catatctttt tctaaaattt aaaattttaac ttttaaactc tacatctttt ctgaaaatat 180
ctatcttcaa agtgctccaa tactaacact ataagccctt tcttttgctc taacatctaa 240
cacaaagggc aactgtccc attaatcca catgcacttt acaaagcaac ttcacacaca 300
a                                     301
```

<210> 720

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22115

<400> 720

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ccacgggtgc ttcgtttgga caaaaataac caggaggcat ccacgggatt agttacacgg 120
tatcaactta ccaccacagc agaatacaaca gttgactcgc taattaacag aaccgtttgc 180
tagaaagcac taatctagtt atataaatac tgaaataggt cacatgcaaa acactataaa 240
cgtttttgtg gatgtacttt tagttctcca tagttttgtt tgggtataaag gaaatataat 300
ttggctgtga cgtagactgt tgatgtaatt ttcaagtttt cctgtatggg gaaagttgcc 360
```

ctgactgtgg cccttttcaa ggtggagcct ccaacaccac gttgggcaga ttcaga 416

<210> 721
<211> 246
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22297

<220>
<221> unsure
<222> (1)..(246)
<223> n = a or c or g or t

<400> 721
aacatgttaa agaaatgttt aattataaaa ttaagcttat acataatcta aaaattttca 60
aatgtactgc atttatagca taaaagtaca attagtataa tgattcacta gtaatttaat 120
tacattttaat ttaaagtaaa attaaaaatg cttttctcta tgatgcagaa tattactcca 180
aacacctacc tcatgcatca ctcaatatga aaagtaaact aacaggggnt ctccacttaa 240
gattttt 246

<210> 722
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22620

<220>
<221> unsure
<222> (1)..(450)
<223> n = a or c or g or t

<400> 722
tttcaagtca cagattacat atattttacat taattcaaat gtccaaagca cagtacagta 60
gggtctatatt aatagttcac ataattttaag atttacatat acacaagcac atgaaccaat 120
attagtttgc tagaacaggg atttaagaag ttactcagac atttttggtat tgacacttac 180
atattttatgg caacaaatta tgatgacttt aaattttcaa tgagatcttt tgtacaagaa 240
tacagaatgg gaagaatgta caaaatgaaa agacaggcaa acaaatgtac tttccttgge 300
actattttcta taacaccata taggggtgtg ggcctcggtg ccgaaattcc ctggcaagcc 360
ccgggggggtt cccacctaag ttctnaggag ccggggccgcc acccgngttg gaagctccca 420
gcttttttgt tccccttttag gtgagggtta 450

<210> 723
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23352

<220>
<221> unsure
<222> (1)..(368)
<223> n = a or c or g or t

<400> 723
nttgcacttg gggtaatagg tttattatct ctatatacaa gtaagcattt attgatgttt 60
gtcaaaaata agagacaaga taacaaaaac tatttttagca tgaaaacgag atagctgcaa 120
tagactaata ctgagcttaa agactccaaa aagagcacag aacctgaaat gacagttttc 180

aggttgtata gttatccaga caatgaagtc aactatacaa ggcaagcaac acatgacaat 240
 aaaacacccat caacagtttc ccactggagg atggagggag gcttgctggg gcctgggnaa 300
 ctangtggga aaaatattta aaatctcata aatcctccgt atcctttttt tccnatttca 360
 gggaactt 368

<210> 724
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23730

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 724
 tcgcattcaa cttaaagtnt taacatngac aatgtcttgg aacaataagc aaacaatgct 60
 taaatttttc attcaaattc actttccaca tgtcaaaaga cctcaaggta gaaaaaaata 120
 aaataaaaaa ataaatatct gagaatccat cttaataaat aaattaaaaa cncnnnccaa 180
 cgttttcacn nccccntggt aatgtcagaa cattcagacc acctcaacaa tgcattgatca 240
 gtaacattac aatgaacatt gatgttgaag aaaaactaca gtacatggat atagctattt 300
 atttctatct accagaaaat aaagtcgtat cttttcttag tataatattg gtcatttcta 360
 atcagaacac actat 375

<210> 725
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N24761

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 725
 anaattcaaa cttttatattg gcaataagtt cagagtcaca taacacataa aatcaacatt 60
 taaaataaat agcaaattca catctagaat aaataggtct gcctaatttg cattaattgt 120
 gcctgatatc atacaggcac aatctgtcat tccacgagat aactggaaaa gtctccaaag 180
 tcagagttca aacctgcagg actgaaaaca cacagaagca ctgtcgcagg ttgggttccc 240
 cgaaagcaga tactgaggtg gagaatggcg tgcaggaagg ttcataaggac agtgctgtgg 300
 gctgagccgg ctgggtacag gcttgctcagg gagaggcact gggctgtaat gtggccacaa 360
 tgaggtctca ctggacccca caaggggctc tggagctggg atggccccag aggttttccc 420
 aagttgggggt gaggaggcca gacctttgta ccccatatgg agccggtaa 469

<210> 726
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N24899

<400> 726
 gttgttgga aaacatttat tgcaattcag tgtcaaaagt tttttacaaa aatatgccac 60
 cgtctggtac aaacaactat aaaaaatcag ttcattcatgc aagaaaagtg tgcaaataat 120
 ttatacagaa ggactcagct cacacaatat taaataaaca tctctgcatg taattggtct 180

aacttttatgc ttttagttaca atgtttcaacc ccctctaata ctttttcattt aaaaaagtac 240
 attaaagctt ctaagcttag gacacaggct gtaatatag cccacttttag ccatgggtgat 300
 tggcacttgg tagaataaag attggcacca aggattccca agtatagaat acagcttgga 360
 gccttctgct taacagactt gtgcttcgtt aattaaacaa acacatctat actcaaagac 420
 agaaaaagtc atgttttaaac tccagaaata atgt 454

<210> 727

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N24902

<220>

<221> unsure

<222> (1) .. (441)

<223> n = a or c or g or t

<400> 727

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 gaaattaaga tcgggttcct tttctgccag cttggaaggg caaccccatg actgattgcg 180
 attctgagga tgtctatgca aagttggatt cttgttacag tgtatccaat ctgaagtatt 240
 gcacatctga actgggactg ttaacactga tgccaataca gtgtggggtg ccagaaagtg 300
 tctgctgata tttgtggaaa aaaaatctat tttgtttacc tactgtatca aaggggagtc 360
 tgggggagaa tggtagtatt tttttttttt atcagctgtg aaaaaaatgt tacagatctg 420
 cacattttcg tgtgtactat g 441

<210> 728

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N24990

<400> 728

ctttagaacc ctttattgaa tggcatggca aactttttaa actgcttttg ctatttcact 60
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 gggtgtttat taaaattttc tctaaatgtc atacagaggc ttaagatctg tgtatgctgt 180
 tgggtcggag tgccagtcac tgcttttgaa gtctgtgttc tggggctgca gaatgacaaa 240
 cgtgtcatgg gattaaaacc aatcaactgt gaattgtgaa attgaagcta ctctttcggt 300
 tttattttct ttagcatatt gagtatagaa atctgaaact tatttaaaat ttatactgct 360
 tttgttgatg gctcattttg gctgtgtatc ctcacttatg tactgatttc tggataaagg 420
 cttgacatta ttataacacg ccatttttgtg ttccagttta ataaaacggg ttctgagtct 480
 tgtctgga 488

<210> 729

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N26713

<220>

<221> unsure

<222> (1) .. (466)

<223> n = a or c or g or t

<400> 729

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tttgtttttt taatgcatcc aacacatagg agaattttat tttaaagccc tttttaaaaa 120
tgaaaattct agttgggtcat caattctctt cagagcaaac atcattttatt ctactctata 180
aaaagaaacc taaacaaatt aagatgacaa gtaagaaaaa cttattctctt ttatctcctt 240
taaaacccaaa atttttagttc tgctgggctg gttttcttca aattctcatt attttaccaa 300
tgaggcactt tataatacaa atgcttaaag tggtgagggg ttctgactcc caaaaacatc 360
atttggatat aacaagattt gtactactga cgttggatat acacaattaa atcnttcctc 420
ctagtggatg atggaaaatn aatgggttga ngtaanaccg gatcca 466

```

<210> 730
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26801

<220>
 <221> unsure
 <222> (1)..(221)
 <223> n = a or c or g or t

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<400> 730
tttttttttc ttgatgcaaa tgtttttatt tgccacttaa actacagttt ccctgtgcta 60
tcngatggt gtgggggtgt ggaacaggct gctggaacca tggtttacag tagtagcagg 120
tagatgatta gtagcatgag tggtgaaatg ctgcatctaa gtgcctgtca ctttgctccc 180
aggggaatat catgcagccc aggaatagtg ttagactggg a 221

```

<210> 731
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26904

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

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<400> 731
aagtttttta aaatttatta tttattattt ctttttgctc ttgtttcggt tctcttcctt 60
gagcttcttt ttggagactt tgggtctatt ggcctttctg tatagggtgat acccaatgag 120
gcccaggagg ntcggcacca tggccatccc taccagaggc aaaatgccct tcaccagctt 180
tanccagtag ttggctcgga ttagtgcaat cagctccacg tcatactgca ccactgcac 240
cgctgggaca gatgggtgga atccccgttt tccataggcc aagtgagaag gaatgattgc 300
ccttcgcttc tctccacac acatgtcgag aagactctgc tccagacctg gaatcacctg 360
cttttggtcca agttctataa ccagagggtc tctgggtccag ggaggtgtca ataatacgtc 420
catctaccaa gcttcccgtg tagtg 445

```

<210> 732
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N29568

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<400> 732
ctttatcggt atttgtttgt ttctgttcct tatcttttcc attctctgtc ttctgctctt 60
ctagatacct ctttgtatag gctgctcctc ctgaagcagc actctcctcc ttctgagatg 120

```

```

agccatatgt ggagccagtg gatggtggac tcttaccac agggctcttt ttggatggac 180
tcagggaccc agaaccatgg tcgaactgac cttggtgtgt cccagactga taccgggcac 240
cactcggcag agttgagccc atctgggatg tgctggaaag tggaggacta ggttttggca 300
cggggctagg acgggggtgac cgccgcctca ccaccacaga ctgggagggg gcttttgaga 360
gctgggcttc gctcccagg actcagctca gaaactgctg agggccgtga tgcagaacca 420
gtgccgtagg tggcatca 438

```

<210> 733

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N30198

<400> 733

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tatttttcat gaaatgattt attactttta gaaaacagta taaacttaca aactataaat 60
taagatataa gtatatcttct gccaaagtaa gtcaagaaaa atgcacttca gaatcagctt 120
ttattacagg caatgtattg taaactcgaa catccagaat ctgagttaca cttattattt 180
ttaacatttt actcaataaa aatctgatat actgggtcca agtcatgaca cattccaaat 240
taatgtaact ttcttgcagc ttaaataaac aaatttagat caccaagtga aatcaaagcc 300
aagtgtattt gcacaactca agaattgatg gaatggatta gaatctctca tagtgcatac 360
ttcgccattt atacacaaac tttgagagtc ttctgagtga catggtattt aactttgttt 420
ccaagggcca aataactaaa tgtatagaat atcctactct atactcacta ttaaattgtca 480
tggaactagg aaatctg 497

```

<210> 734

<211> 585

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N30856

<220>

<221> unsure

<222> (1) .. (585)

<223> n = a or c or g or t

<400> 734

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tacagaattg aataaaaagt acaacaaatt attttcactt atttacaaaa ctgcatacag 120
tacaacttgc acattgagtt cagcattcta taaatatggc cacataccaa gatgtgaaca 180
tattcttgtc ttatataaga aaaggctcag gttgtatgcc acaaactttg aattaaattc 240
cagggaataa ttgcttttgt aacatgaaca atttgtacca cattccatta aaaaaagatt 300
taataaaatc cctcaaacag cacttttcta cttgtttcgg agtacacaat tcccaaatta 360
gcacaaacaa aacaaagcaa aaaaagaaaa acagacagaa tgtaaaatgn aggttgctac 420
ttttatgata tcacttcctt ttcccttcct tagctagtgg tccttttcct tcccctaata 480
gtaagggtgg gngaattgaa atggcctatt cctatcccca tccatttgcc tccaggatcc 540
ctgcttaacc naatgnggta tggtcgnctt ggccacctgn cacc 585

```

<210> 735

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N32521

<400> 735

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ccagacatta tggccaagca tgccatacaa aactgtgttt atcgtgaaac aatctgagtt 60
aggaaactag gattgttgcc accaccattt atttatctag ttcataacta aggatagaac 120

```

```

actatagcag tgctagagat gcaaagacgt ccctgccctt aaggggttac aatcttactg 180
gagaatataa caggcacata agaagctgga ctacaaggaa gcatgagcta acaaatgcca 240
gacttcggaa ggcagcgtag tttgagaaca tgggattcag agtcacaaaa cccacatcct 300
agtcccaacc cagtatatca gttaacctct ctgggttttt tcccagctac aacattaaat 360
tagtaagact ggagaggctg tctgcatgtt tccatcatca ttcagatcaa aagctgagat 420
gagctttagg gaggaggctg cacctgagcg ggacactgaa ggaaggcaaa ggagggtgtt 480
cagacaaggc aaagcagtac tgaggtagct gtaagcttgg agtttggatg ggagcgacag 540
ccag 544

```

<210> 736
 <211> 579
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N32748

<220>
 <221> unsure
 <222> (1) .. (579)
 <223> n = a or c or g or t

```

<400> 736
cagcagaaga gtgacctgat tttattcacc ttttatttga aatctgtggg acagaactag 60
gcaatgaggg tgctacaata ataaagggtga gtgttggcag tggcttgacc agagcagaag 120
tggaatgaa acagttggat tctgtttgtt ttcaaagaag agtcataga acttactgat 180
ggnttgttat gtaggatgtg aaagaaaacc acagaaatga ctccaactaa aacagtaaaa 240
tgccattcac taatttcaag atgatgagag aagctgtttt gcagagataa tgaaagaaat 300
tctgtttgaa gcctattaaa gtttgaagtg catattaatt ggactttcaa gttgagatgt 360
caagtaagta gcagggtctc tgagtatgga atacnaggct gtgggcnagt gacttancgt 420
ctgcaacatc cacatatagg cagcatcncc atagcaacaa acatccngtt ccaaataatc 480
cgccngattt tcntectcca cgtccatctt cctcagagtc catcaggggc cncagnact 540
ggcnaatcca cncatgngcc cgttacctcc ttctcngca 579

```

<210> 737
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N33927

<220>
 <221> unsure
 <222> (1) .. (355)
 <223> n = a or c or g or t

```

<400> 737
acaattctcc gcagatttta ttaattataa cttttttttt cagacgtcct gccatcttct 60
cattcagact tttcttagca aaggtagtcc atggcaagta atgaattccc agtaactagg 120
tctgtaacag aagtaaattc tggttttatg tttataaact caaaaagtaa catgaagtgc 180
aaacaccttt agttccttcc cctcggtaac cttcttttga tgaaccagtg tgcagcaaac 240
caggatgaag ttggatttgg gtgggatcca cacaggatcat tttcaggcaa gatgagactt 300
cccaagttcc atgnatagat tcatattatc agttatttta tgcattcatt tctcc 355

```

<210> 738
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34517

<400> 738
 ttttttgttc tcaaataattt ttttaataaat agacgaaacc acgaaaccac tagactgatg 60
 gcagcaaact aaggtcagat gagaggggaa actagagaag gagcagcctg agtcagtgc 120
 acaacctcct ccccgaccct ctaggttaag gcacttccgg ggaggcaggt ccttgggggc 180
 ctgttacaca ggggtgaatgg gagaggaagg gattaggatc ccttctcccc acctttgcat 240
 caggacaccc ctgcccttct caccctaccc catggccctg tccctgattt acccactctc 300
 atctcacagc actctaaggg gaagtttggg tgggaggagt tcttgtgggt gggagaggtc 360
 tgtgcccctg aggaagccga tcctgccaaa tcttgatgcg acaccagcag cccactctac 420
 cctcttcac ccaaggagcc at 442

<210> 739
 <211> 455
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34817

<220>
 <221> unsure
 <222> (1) .. (455)
 <223> n = a or c or g or t

<400> 739
 aacagggatt tatagcagct ttattcaaaa taactaaaat ttggaagcaa ccaagatgcc 60
 cttcagtaag tgaatggata aactatggta cacacaatag aacataattc agcactaaaa 120
 agaaatgggc tatcttgtcc tcaaaagatg aggaaactta aaagcatatt actaagtaaa 180
 agaaggcagt ctgaaaaggc tacttactat ataactgcaa ctatgtaaca tgcgaaatga 240
 tggagatggt ttgcagggtt aaggggatga tatgtaataa acaggaagag cagggatgac 300
 ttttagaaca aagtgttctg tgaggacta taaggctggg atacatgtca ttatacattt 360
 actccaaacc cataagcatg taaaaccncc aagagttaac ccctaattgt aaacctatgg 420
 gcccttggga ccacctatgg atggcnccaa tggta 455

<210> 740
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N36001

<220>
 <221> unsure
 <222> (1) .. (412)
 <223> n = a or c or g or t

<400> 740
 attagtgaat tagtttattt aaaaccatca gtttttccaa tgtgaatgga ctggttcata 60
 tcacaccata tttagagata caagggtgatt ataactaacg tgtctacaag acatactggg 120
 tcaaacaatg tgatcaatcc aaagggtatc tttttaaaaa gaatttaagt actcagctgc 180
 aaagataagt tcaactaatga gattttcttt tttttttttt taaaaaaaaa aggtttttta 240
 tgagtcaaat ttattacaaa aacttagtgt gtaatcaaag ccaaatacat tcctcaggca 300
 tgccagcgga acgcaaaata atgttaatag aatgttatta aaaaataaaa ctttttctga 360
 atgatataata taanacctca tggcacatta tcctcatttg gacaacngga aa 412

<210> 741
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. N38882

<400> 741

```
accatgccaa aagatttatt aatccttcta cataggcaat caatgcatgc atattctttt 60
ctttacaaag acaaaagcca tttaatcctc cttataattt agtttaattc tgtttcaa 120
gtttgacctt gatggcctgc agtgctctat ctcttttatg tattttacat attgttataa 180
ctgacaatta atataaagtc cctttcactt agggatacga tctccttggt tcggttttgt 240
agccagtccc ccaaattttg catgaggaca aattcacgat tcttatgagt gtgtctttga 300
atcccttacg tcaagggttg gtgccatgaa ggatgaagct gctgagccct gaagtcgtgg 360
ggctaagggt acacggacaa ttaagcaact taagtgacta agcccgtgtc tgattcccct 420
gcagg                                             425
```

<210> 742

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39415

<400> 742

```
cagagaataa catttatattt atttggaag ttttcctaaa tatgagacta tctgctattt 60
ctcagactaa gtgaaaaatt taataaaata gctgccttga taggaggaaa acaaagttct 120
tactttataa ggaataacgt atgaatcata aaagaagaat gagcgatcat gggaaacatt 180
tagcttttca aagtttttgg aacatgtacc ttaaagtctt ttgggatcca gtaaaggcca 240
ggaaaggcaa agagttgaaa gtttcttgga tttatcctcg tacttacatc attagtaata 300
ggaataatgc atctcaaatt tggggcattt atataaaaac atgattttta aatggtagtc 360
tagtataaac taggattttg taatgctgtt taaatatttt catattactt tgtttcgaac 420
gtagacattc                                             430
```

<210> 743

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N40141

<400> 743

```
gctgactcaa gttcttcagt tcacgatctt ctagttgcag cgatgagtgc acgagtgaga 60
tcaagatcca gaggaagagg agatggctcag gaggcctccc atgtggttgc attcgtggct 120
cccgggtgaat ctcagcaaga ggaaccacca actgacaatc aggatattga acctggacaa 180
gagagagaag gaacacctcc gatcgaagaa cgtaaagtag aagggtgattg ccaggaaatg 240
gatctggaaa agactcggag tgagcgtgga gatggctctg atgtaaaaga gaagactcca 300
cctaataccta agcatgctaa gactaaagaa gcaggagatg ggcagccata agttaaaaag 360
aagacaagct gaagctacac acatggctga tgtcacattg aaaatgtgac ttgaaaattt 420
tgaaaattct ctccaataaa gtt                                             443
```

<210> 744

<211> 513

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N47686

<220>

<221> unsure

<222> (1) .. (513)

<223> n = a or c or g or t

<400> 744

```

gggttttatgg ggtttaattt ttaatactgt taacatcatc gagccagcta aacaccaaga 60
atatcaataa atactaatag tttgttttca cttcctcctt ctgttggagc actttgactt 120
tatatacatt ccagtcttag tgccaaggcc ccattggggt tcaaattcca taccagagca 180
catcacctgg atgtgactct catatgctca aggatattcc tggagttgaa aggaaataca 240
aaatgagcat aagaacagat tacagacgcg tcagtatgaa agttgatact cgtgaaaaac 300
agcagtttgc tgagaccctg gaagtttagct ggagcagtca ggcagaaatg actcgtgacc 360
atggctgcaa atggggcctt ttctcacaac gggctttcca ccattctttt cttgggcctt 420
caggtagaag atgcgggttt cttcaggata agtaacttta ctgaggggca tcttgtagat 480
gttggaattt tttgtgggtc tgatgaggaa cnt 513

```

<210> 745

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N48056

<400> 745

```

atataatatt caactttatt tcaaataata caatttttaa atttatcaat ataccatta 60
cgattctttc tgagtgcacat accacacaaa ttcaatacgg attctctaaa gaatcctctt 120
aggctacttc actcaaagtc tctgcagctg cctgcactgt gaaggctgca acataaatct 180
gtctcttcac ttctccccag gccttggaag ggtccacttt gctttcaata tcaaacagag 240
catcataaat tcctgggaat gactcccctg catacttggt gtggctgctt ggagcataga 300
tgacatgcct ataaaaaggc ctgtctggta accctaattg atcaataaat gctctttcca 360
gaaacatgag ttgatcattc atcattctta atactattgg gttgcttttg gtcaaagtcc 420
tgaggtctct cactgaactt gg 442

```

<210> 746

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N49899

<400> 746

```

ttccaacaac atttgggttta taaaggaata caaacaggca caaaacatgg ttcagaagat 60
ttattaagta aacttgctaa aatatggaca gatacactta gcagtcaaac agttgaatat 120
taattgctac ctcattaaag tttttgtatc tgtattacca ggtccaaaca taaaaaccac 180
ctctgttcaa aaaataaatg ttcagagagc tgtatgttct ttgttcttgt atgtacattt 240
taaaaaaaca cctctttcca gtcttgctaa ccaagaatat tagtcatata aaagaactta 300
gaattttttt cccaagtac aagctatctt ttggctccaa aacagttctg aagggtttat 360
ttatatttta tcttatcccg agggaccaac agcagggcat acctttggcc aggccttctt 420
ggcagaaaga cacagagccg taaagggaac aaataaaatt gccataaagg tatag 475

```

<210> 747

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51529

<220>

<221> unsure

<222> (1)..(474)

<223> n = a or c or g or t

<400> 747

```

gcaaaaaata aatataaaat ttattaaaac acccacaata ttttaaagat accaggagta 60
atacagttca caaacccagt tgtttggtga aattataata aaatacaaat caaaaaggat 120

```

```

acatacttgc aatttctagg caccctaaat taaatttact gaaacactga gggagaaggg 180
agggttaagga ggggtagctc aggaggcaaa ccaataaagt ggaaggaaaa aatattaaca 240
aaaaggtaaa aattatacaa aataaaaatta tcagcgtaaa tttactgtac taagaatatc 300
tacagtttaa tacacatcct attgcccttg agacatttgc aaaaatctac cattcatcca 360
tcaaccccag attaaacttc attttcaagt agccccagtt ttaccaagtc nagaacnggaa 420
tatttccagt atgggttggt aagttcacct ccantgggag gccagttac ccaa 474

```

<210> 748

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51579

<400> 748

```

atcaaagtgt tttgattatt tattagacag ccgcactgta ccaaattccac ttggctgttg 60
gtggtttgag aaacttggtta catgctttca ttgaagtaat aagatcctgc tcttcataat 120
cgcagactct caacagctgg tgagtgggag aacctcatgt aaacaacctc ctctgagttc 180
attcttcagg gctcatgaga ccagtcacct tttcttcagc tgaaaaaaca catcaagaaa 240
atgaatgctt ctgtcctagg ggaacatgac acaatgagaa gtaatcaata actagaaata 300
gtgtgggagc gtcttttaaag aaaacattat gaaatgtaag aaggctacac acacacacac 360
acacacacag attaacaaaat tttaaaaaga tatctgggga gatcccccta tcaactgtgg 420
tattcatggc acaagtttat ttaaaatctg gtggcctaca tttcccaat 469

```

<210> 749

<211> 507

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52254

<220>

<221> unsure

<222> (1) .. (507)

<223> n = a or c or g or t

<400> 749

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tttctattaa tctttattta tatgatgggt ctctggaaag cacttcattt taaaacctgt 60
ttctgagata agtagcataa ggcgcatctg aagaaatact attggtgtat cacagagaac 120
ttccatgcct tgaaatcatt tttttcagag tattattaat aagatgggtc agctatgcag 180
agcaaaaaag aaaaaaaatc ttcaaaagcc aagactgtca ggcacatgaa ggtatgcata 240
aactgtcttc acattttaatt ttgtatgatt cgggagatac ctccatgtac atctaaccag 300
gtcaggcagc ataagtcctc agtaaccctg ggggtgtgcc gcttcaagcc aaagtattct 360
gttgagtttg gtttgtggag agacatttga aatgttgctt catagcttcc attttctgga 420
gaagtggaag aatgaagcg tnaaaaggcc taggaaatcc tcgtcttctc caggctcttc 480
ttctccttct gcagnttcct cctcctc 507

```

<210> 750

<211> 166

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53359

<400> 750

```

catctaaaag tgggtttttta atatatatat tttttccaaa ggaagaaatt tcttgctttt 60
actcagggaa aaaaaaaaaa ttaaggtaca tttgagtaga atgatttcat ctaaaagagt 120
tctttcagga gacatctgtg attcactgca ttgtttttat tttctt 166

```

<210> 751
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N53447

<400> 751
 gtatagagta aaattttatta taggggttgta gaattcatat aacctaaact ccttacagca 60
 ttcagcacct acacaatttt gtgcattcca aatacagata gtagtgagaa agaatcactg 120
 cattagttaa aaatgactgt ctcatgaaaa ttcgttcaca tataagtcag gtttaattaca 180
 gagcacctaa cagaactgca aagatgtaat ttctaaattc aagaaagttg tacaaaatga 240
 aaaacaaaag aaaccaacaa tgttgagatc tgatatattt tacacaaaaa gttcaaaaac 300
 aattttaaatt atttcaaatt ttaaaattgc tccaccataa gatgaataaa gagcttactt 360
 aaaggaaaag aaaaaaggaa 380

<210> 752
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54053

<400> 752
 acaggaaaaa taaggcattt attacagatt gaaactgatc agaagaaaaa tcacagaatt 60
 cacaaaaatca ttctttgttg gaacttttct tccttccatt gcatttttgc gtttaagagaa 120
 aaggagtgtg agggtcagac caccgtggca tgcgttcaca ttccagcttt ggaggccagg 180
 gacccaggac tcctgggaat tattcaaaaac cagatccgat gataccagac actagagcag 240
 ctatgaaaga agcagctcct 260

<210> 753
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54845

<220>
 <221> unsure
 <222> (1)..(441)
 <223> n = a or c or g or t

<400> 753
 tgctagctta gatattctac tataaaccat ttcattgagt acctattatg taaccaatat 60
 tttaaaatat acactgaatc tgaggcaacc caaaatgaac aatggaaaga aaactagtaa 120
 atctgaaatg tacttcacat tctacttaat ctaattttaa atataaattc attgtgcaac 180
 ccataagaaa gatgggtccaa cctgtgggta tttttaaaaa ttctaacagg agaaatcatt 240
 taaaattttg ctttttcaca atggcaaaaa ggaaagaatt tgaacataat atttaatttt 300
 taaaaaaatt cagcctgact ccgaccctga agatttcaga aagaacatcc gtcactatta 360
 aaatggatgg acagggccca aatgggggga ttggtttaan ccagnttttc ccaangttaa 420
 acccaggaat tangccccc n g 441

<210> 754
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N55085

<400> 754
aagttccaaa atagcaaaca taatttttatt ccacttttgt taaagaatgt acataaatat 60
agaaaacacc attaatgggtg gtttagattaa agggagtaag gacttgcaat acatactttc 120
ttcttttatac tttttatttcc taaacttttc ggcaataagc atgagttact cttctaaaca 180
aaciaataaaa ccaacaaaat acatgaacct agtgtatgaa tagcaatatt ccaattagaa 240
aataataaat tttatgaatt acctaatacag gactgtttgt tatggatgga aaattttccac 300
caaaactgca gaaccagaaa ggcaacacta ctatttataaa cactaaaagg tggatgatgga 360
gaaacaaaat ctgctctatg cattatacct tggatgattg acaagagaga atataaatat 420
attattc 427

<210> 755
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N55502

<400> 755
ctgtgaataa aactttttaat aatgtacagc agaaattgga caggctcatt cttatattaa 60
aaciaaaagat ttcctatatt acaattttatt tacatttgca tactgaagag gtaaagtgtc 120
taagtggcta ttttacagtc ctttctaata aaatgtacaa aaacaaacag aagtaccgag 180
aatgccgttc gggggccttt atggcgacgt aagaacgggc ttggacttgg tctgtgaatc 240
cagaatccag aggtgcaggt agcactactg gatcagggtt agcctcgggg ggccaaaaac 300
acggcttcag tttctcccca actctcactt agtggttaaga gtggcagagg tgggtgtggg 360
agcttcccaa agacctgctc catcttcccc agaggtggaa 400

<210> 756
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N57577

<400> 756
ttccctcagg tggtttaaagg ccaccaaaaca aatactgggc aacagggggtt tggtgggaga 60
gttagaaata aaaaattaac caaattttgt ccctgtgtta attcaatgcc agcaaggagg 120
caagtactga agaagaaaag ggacaatttt cactactaaa aagaattcct ctaatcatgt 180
caccatctca tataatgaat ccagggaatc ccagaaatag aaaattagtt tcaggggacc 240
cctgaggcac tttaaagcct tttaaaaaat tacagtaata ataaattaga tattgctctt 300
cagaggctaa cagagcagca gaagcatcaa gatcagggtc aaagagttat gccacattt 360
acaggcttcc tggagctgct cagccctctt ttaaagctta gttgaatcct ttaaaatacc 420
ctttaaaaag 430

<210> 757
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N58172

<400> 757
cctgaccgta ctcttcaaaa tccagattgt ttgtgcatac atttaaaaaa aaaatcaatg 60
gaaatttcca cctttgttcg aacacataaa gtatgccatg agcaatataa catcacaaac 120
gtactgtgac aaaccattaa taaagaagga ttactaagcc aggtgtgggtg gtgcatgcct 180
gtagcccagc tatgcaggag gctgaggcag gaggatcact tgagcccggg agtttgagtc 240
caccctgggt aacacaccaa ggactccatc tctaaaaaat taaaattaaa aggattactg 300
aaagatctca tttctaaaaa aagaaaaaag aaaaagatca ctggaagtcc agacatgata 360
tttttaatt 369

<210> 758
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59532

<400> 758
 ggcaagtaag aaggaagttt aatttttttt tcaggattca gtggagtcca ttaatgcata 60
 ccaggggcaa agatcagccc agggtaaggg aagtctggga ggaagcccac cctgccctac 120
 agcagccctg gaactcagaa taggtggtga gtctgccatg gtttgctact gggcagcaca 180
 ctagaccaac ttgggaatgt ggaagagtga gtctatgttc cctcagccat cccaagttt 240
 acacacaggg atagcagccc tactgtgagt cagcaatcat tcctgacttg cagtaaggac 300
 aatttgcat ttcggaaagc aaactggagg gggtagccta agtccgcact gcccatgtta 360
 ttaccctttg caatgtgaaa aaccatggtg aggtagggtg ggcaggtttt atcctctcca 420
 caaagggtgag cctttgctcc acagc 445

<210> 759
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59831

<220>
 <221> unsure
 <222> (1)..(473)
 <223> n = a or c or g or t

<400> 759
 acctataaat atatttttatt catacttttta aatatttttac aattcaaata aaaaccttat 60
 atgtagacaa tctgggctaa atttccatgt atgttttgaa aaataatggt agcatgaata 120
 gattcatatt taaatatgat tttaaatact cttaatatag gagacataag aaatatattac 180
 ataaaagcta agtagcatga tacagctcat gggtatttttc ctcataggaa aacaattact 240
 tgattttttt tttttgcata ggattaagac tgagtatctt ttctacattc ttttaacttt 300
 ctaaggggca cttctcaaaa cacagaccag gtagcaaata tccactggcn ctaaggntct 360
 caccaccact tttctcacac cnaagcaata ggtaggnatc caggncaccac cttctgaggg 420
 nccggaagga atgggttccg gaaaataatg gnttttaaaa nattaccatt aag 473

<210> 760
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59862

<400> 760
 tgcctggcca catttgcttt attataaaga tattacaaag gactcagttg aagagatgca 60
 taggacaagg tatgggggaa agggtgcaaa gctttaatgc cttgcctggg tgtgccatcc 120
 tccaggaacc tccatacgtt cacatatcca aactcagtcc tcttggtttt gtagggaggg 180
 ttcaagatga cagcattcct ttccgcagag tataggacag aaccctctct gaaatggggg 240
 tcttaggact cacagaaagg taggggaaga tcaagagtcc cgtcttagtg aaggtaaaag 300
 ggcagaagtg aagtgagttt cctgtggcct aacacacaca acatgactat aacaagggct 360
 atagaagtta tgaacgagga actgtgggca aagatccgta aaaccagagt gactaaggca 420
 gtttacctaa aattatgcgt gaaaccattc tc 452

<210> 761
 <211> 441

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59866

<400> 761
gtttttttttt tttttttaat acaaaaattta ttttatttct atgtactaac aatgaacaat 60
gggaggtatt tacaattaca gtcaaaacca taaaacactt agaattttac aaacttcaag 120
acctacacac tgaaaactat aaaacatttc cgagaagtca aagactaaat aaatggaaga 180
tgatactatg ttcattcaatt agagtactta atatgttatt aattctcact aaattgattt 240
atagattcca tacaatcctg ctcaaaatcc cagcaggctt tattctgggg aaatattgac 300
aacctaattc caaatgttat agggaaatgc aaaggacctt gaacagccaa aacaacttga 360
taaaaggaca aaattgaaat ccttaaattt gactcccata tttccaacaa atctacagta 420
attaagacaa tggatatagg g 441

<210> 762
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63047

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

<400> 762
nttatttttaa ataaatattt taatttctatt gttgacattt acaagtagaa agcatcacagt 60
atgttacaaa tatcaaaatg agaaaaatat gaatgttaca taagtaacaa atataaaaaa 120
agtatttttct taccttcctt gaaagtaaga aaactattca gcataggaaa atatcagtat 180
caaaaacaca gcttaggtgt aaaaaaagtt ttacacacagt atttaaaaaa aatgatctac 240
aaaatgacaa agtaagtgtt gaaatctgat ttcataataa ttataaaaaa tgggtactta 300
gagtaaattg tatctgggtt gaaaataagt ccaatcataa gctttcctta ggtcaattct 360
ttaaataatt aaaagcatat cgaaaaattt tccaataaat aaccttnaag aggggttcc 419

<210> 763
<211> 189
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63536

<220>
<221> unsure
<222> (1)..(189)
<223> n = a or c or g or t

<400> 763
nagcaagcaa aaaactacct ttatatatga tgttattcaa atacatggat aagataacac 60
attttatgat gtaaaaagta atatttaaaa attaaaaggc aagtctttct ggtattcaga 120
agtctgaagc aaccactgtc cagctcttta aaaagagcac attccattct ggtggcacac 180
aaatgtaca 189

<210> 764
<211> 523
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N64683

<220>
<221> unsure
<222> (1)..(523)
<223> n = a or c or g or t

<400> 764
acaacttttt taatatatat ttttataaac aggtcacgtg ataaaatagc acaagaaaca 60
cttaccaaata ataagggttat atcttccgca tatacaggag aatgaggtcg ttatgtacaa 120
taagaaaatg atttttagggg ttggttggtt ttgttttcct ctctcccctt aatttttcct 180
cctacagtcg ttggaaatat cacagcttca gttgcattaa tactttgggc aaatggacag 240
ctgcccctcc ccactagggg tctgtgggga ggaggggctg gagaaactgg ctcttgacca 300
ctcagccctg gagcttcctg gggctggcac tccagggaca ggaaaatctt tgggctgttg 360
atctgtttct gattcaacag catctctctc tctctttnc cttctctctn cagtctcatt 420
ctctctctca ctctctggct ctctgggaaa cgggtactct cttccaacca gatagggagt 480
gtcccaagat tgggtgtggg gcgcggtatc tcctggggnc ttt 523

<210> 765
<211> 483
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66001

<400> 765
gagcaattat tgaaagtagt gatataatta agagttatgt gtaggtgaat ggggagattc 60
atttgccttt gactataaga agaagattat tacaacattt ataagggttca ttacaagtcc 120
tagaaaatta taaagtgaga agaattcttt gtgagtagct cccaatctct ccctatctgc 180
ccaagtagta gcataatatg tacatggaag tactactttt taaacaaaat tattccttct 240
ctctttccat ctccaccttc aaaattaaat tgttcattcc tgtctttgga gaaagaatct 300
gataaattaa ttacactag aggttttgat gaccaattct gatatacata ttattcctac 360
caggctttat ttacatcaca aaagtttttg ttcagagctt aggatacata aacataaata 420
aattatgaaa tttttattta aacattccag gtaaagagtg ttttttagcag aaagagcctc 480
ccc 483

<210> 766
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66053

<400> 766
cagcattatt aacaaattta ttgaacaact agaacttgac aagcacatgc caggtagagg 60
ggatacagtg gagagcaata ataatgatga taatgaggag tagtttttcc ctagcaggca 120
gcagttgaaa ggaatattgg tttaacatcc accaatgagc aggggtggat agacccctct 180
cctggagaca gagtccataa cgggattaaa aatatccctg taagccggtc acccggtggc 240
tcaagcctgt aatcccagca ctttgggaga ccgaggtggg tggatcatga ggtcaagaga 300
tcgagaccat cctggccaac atagtgaacc ctcatctgta ctaaaagtac aaaaatttgt 360
tgggtgtggg ggcttgcacc tatatttccc agtactcggg aggctgaggc aa 412

<210> 767
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66802

<220>
 <221> unsure
 <222> (1) .. (401)
 <223> n = a or c or g or t

<400> 767
 tttttttttca ggccaaacta aagcttttatg ctataaaaac aagaaataaa ataaggagat 60
 ttataggccg gctgattgtc agcaaacaca atatatttac tgtattagca tttgctcaca 120
 gtgcaaattg tacaacatta caccatttca atatttcggt ttttaaaaat gctgttttca 180
 ttaactatat tatattggca ttacaatatg acaaaggagc aaatgaaatg ttgggtgaaga 240
 atttcacctt ttcacaatat caagcatatt tttttaacct tagtataagg tactataaat 300
 ccaagaaata aaaacatcca caaaatatat tacatctngg tttgtctttt ttctaagtac 360
 tcaactttat acaaaaagtct ttcaaaaaat atcatttccc c 401

<210> 768
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67041

<400> 768
 aacatttcat ggaaaacttt ttattggttt tctggataga aacaggaatt tatttgccag 60
 gaagaatgat cccatcatatc ttcagctaga accagtgatg aggatgattc agtcttaaaa 120
 aagaaggaaa tccagtcata agctacagca tgtatgaatg ttaagtgaag tacgccagtc 180
 acaaaagaca aatactgtgt aggtatccaa agtaatcaaa ctcatagaaa cagaaagtag 240
 aatacttgct gccagggggt gcaaggacca ggaaatggag agctgttatt caatgggtat 300
 agtttcagtc aagtaaaaata aaagaagttg tacaacaatg tatatatggt taacaataact 360
 gtattgtaca gttaaaaatt aagataaact tggatactta tttttaatgg acaattttta 420
 aaaataggtg tgggtaacaa tttccaatgg g 451

<210> 769
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67108

<400> 769
 ttcgtgtgta aaataaactt tattcgctcag aggttttctaa acgctcatcc ttcaaggaaa 60
 acggacatat gctgaagagc tgataaacag tctacagcag tgttttttcta acttaattctt 120
 gattacaagt ccttgccatt ttcctccagc tgctgttgac tccagttata tatagggttg 180
 gggaaagggg attatctatg gatgtaggca tcaactgtctc ttgggcagtt atcacatttg 240
 caggctgaag ggatgtgatt tttataatca aactatccat ttggaataca aatctggagt 300
 ggctgtaaaa tttgcttctc ggagatggag ctttcaaatt tgggactttc aattgttctg 360
 ttgttttagt tgttctcgtc aactggggaa ctgtttgtga ctaagctttg ttaaaagtag 420
 agaagagctt ttcatagttc caacatcagt tgttacctgg aaacaaacaa aaacacacac 480
 acatatact 489

<210> 770
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67324

<400> 770
 acagttcact gcctttcaaa gtgtttattc agaattatac tagaagtaat ttcattgaaaa 60

```

taatattgtg caaccttttc attctatttc aatgaaaagc aggcattgaac attactcaag 120
cttgaaattt tactgaaaag taaacatttc aattaagctt aaggaaaaaa gaaatttcct 180
gagatttcca gtgtatacag aagtgtcttt ccattaataa taattaaaag ttaaaaaata 240
tgctgataac ttgccacaat tgacagaatg cagattaata ggataaatgg caaacaatc 300
tataaaaatg catgcagaga atcagagtga tcacccccacc a 341

```

<210> 771

<211> 231

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67575

<400> 771

```

tctattttaga tcggatttta ttttgcaata tttattatat attcaattca aatgtactca 60
ctattgtgct aggcaattga aagtaaaaag tataaagctg cattttgcgc tctcagtga 120
gtttaagtca gggaaatgag gcatgcacac aaaataacga gaaagtagta taatagctgt 180
gatcattagt tatcaaaata agtgaatgag ctaataatca ttgttagaat a 231

```

<210> 772

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67815

<220>

<221> unsure

<222> (1)..(334)

<223> n = a or c or g or t

<400> 772

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tttttttttt tggtaaagac ttttaagaga aagaagtatt ttaaaaagta gcagtgcctc 60
gaggctcagg gtgtaggata gggggcacag ctgggtcccg gaggccctt gtgcacaggt 120
ggtggcccgag ggcnaagtgc tcgctcttgg gggacgcgcg gccggggggac ngccatcgtn 180
tccggcccgag ggctcccggc gggctccggc ggcagggaca atggcgaggc cgctcaccac 240
ttnaggaana ccatcccggc caggacggtn tagcccagca ccaggaagag gaccttnagc 300
anacggtcac tcttctctc canctccttg gccca 334

```

<210> 773

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67876

<220>

<221> unsure

<222> (1)..(478)

<223> n = a or c or g or t

<400> 773

```

agtcaagtac tttcttaaag aaacaatagc accacattgg catagctggg ccaaacaata 60
aatgggaaag caaaatgtgc tacatctttt attctaagcc ttctcccaag tgcataaaat 120
agtaacagaa accctggagc cacagagcat gagatcggtt tcatctacac aaacattgac 180
gttccaagga gaggaaggat tctcaagggt ggacaggctt tttgtttgtt tgtttgtttt 240
ttaataaaat tttcaaggaa gtgatttctt ttcagtattc cattggatcc ttaggggtgaa 300
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tctgtgtatg taggggtgggt 360
gttaagagat tttcatatcc ctaagaaaga gtggattcng atggagagct gcattaactt 420

```

tttcagggga actgcctcat cttaaaaagt ncaaattctcg tgccgaattc ctgcagcc 478

<210> 774

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67899

<220>

<221> unsure

<222> (1)..(386)

<223> n = a or c or g or t

<400> 774

ttatccacaa	cggcatctgt	cactgtatca	tttataaaaa	caaggaaaaa	caacaacaaa	60
aagcaaacca	acccccacca	aaataaatga	caacaaagaa	aaacaaccaa	agggcactgg	120
gggatacatg	atgaaacctt	catacaaaag	agatactagg	tagctttgga	tgtaggaaaa	180
tacataataa	catggtaaga	caaacatgaa	atagcggaat	cagatttcaa	agtagtatgt	240
ttgtagtttt	acatacataa	aagggtgcaca	caaagtgaag	attcgtccaa	aaccagcaa	300
tttcccttgg	gagttngggg	gggtaaggag	taaggatgtg	atthttgcatg	ctgtttgtaa	360
ttccccattt	tctccaatgg	gaattg				386

<210> 775

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N68350

<400> 775

accggctaata	agcttttaata	cagagcctgc	cctactctga	tagtaccaga	gtggagggca	60
gaataccaaa	tgtccaggaa	ccaaaggcag	ggctgtgggg	acctgaagag	cagcacagtg	120
gggcccgtgc	tgctgtgggg	gaaactgagg	ctgggagctc	agcagagacc	ggtgtcaaga	180
gtctctggga	actgcatagg	cctgaggaac	atgcattttc	aagttgtcca	ttgatgggtt	240
cgtacctgaa	tttctcacct	tttgtgaaca	tcttgggagg	gtgggggttt	tgcaggggtg	300
ttaaaagcaa	ggcttggggg	cccctttcct	ccagctgggtg	gctccttctc	agggcctggc	360
ctcattcagg	ccactttgta	gagaaatgcc	ctgacctcgc	aggaaggatt	tcccc	415

<210> 776

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N69207

<400> 776

tttctttatt	atacttttat	tgthttgttta	attcattttt	gtctgttaca	aataaatttc	60
aaactagaga	gtcacagatg	ttaataaact	cgcccaatgc	atcacctgcc	tccgaattcc	120
atagtttcca	ctgccttgcg	ctacttgcat	tctgattaga	gaatggtaat	gtgtgcctct	180
ctgaatcaag	ttcaagaata	aatgccctat	cctggctaac	acggtgaaac	cccgtctcta	240
ctaaaaatac	aaaaaattag	ccgggagacg	atggcgggcg	cctgc		285

<210> 777

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N69222

<220>

<221> unsure

<222> (1)..(284)

<223> n = a or c or g or t

<400> 777

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ttttatgagc aagcgtgggt tatttcataa atgcaagggt agcttaacat tgaaaactta 60
atctaattta taattatgta aatgaaagaa taaaaataat atgatcacgt taatatttac 120
agaaactgca tttaataaaa ttcaacattc attcatgatt taaacaataa aagaaaactc 180
ttaacaaata agaatagaag anaccttcaa cagtctgact ttaaaaagag aaagccccag 240
aaagcctatg naaacatttt acttaatggt aagataaagt ttttttctaa aaa 293
```

<210> 778

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N72253

<220>

<221> unsure

<222> (1)..(320)

<223> n = a or c or g or t

<400> 778

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ccttttttctt aaggaatcca ttcattgttg aagcccagat tccctaacat atgcactagt 60
ggttggctctt ggaagtaaac agtcaccaga gtctggaagt tcttcgcttg aactttgagt 120
agccactgggt actattggaa gccagatggc canggtattg gnaaatgggc aaggggaaat 180
cccaagctgg gctcaagagc cgtggggttag ggaagaagaa ggtcaagtgg actggtaaaa 240
attctacttc aactgccctt attcatagat acaactttcc taacagtctc actctccacc 300
agtcccatat ccacaacca 320
```

<210> 779

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N74291

<220>

<221> unsure

<222> (1)..(465)

<223> n = a or c or g or t

<400> 779

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agagaataaaa acttggattt attcagaccg tatgcttccc atttgggggtg cagagtgggg 60
gacagtcattg gggacagaga aaggcagtgc atttggcttc tagggacatg ctgattgctg 120
actcttttggg tgacctttgg gccaccagat gaccagtga atgatggaga tggatgatgaa 180
ggggctggcg gccaggctct tctggagacc tcacagtgat tccaaacaga gaccaacgct 240
gtgtccagtt ggctctgttc ctctccaggg attaaggagc agatggctgg gaacactcag 300
actaattaaa gaaataaaaa ctctgggtag agggacactc tggggggctc caattcaggc 360
agtgggtgtgc aaattcacac atgtcgatgc gtgggccagg cccgtgtgaa aaacatgtgt 420
gtgtcngtat atattacatc ctccacaagc anctggggag cccca 465
```

<210> 780

<211> 212

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N75870

<400> 780

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tcagcactga tggaaaatac cagtgttggg ttttttttta gttgccaaca gttgtatggt 60
tgctgattat ttatgacctg aactgattat ttatgacctg aaataatata tttcttcttc 120
taagaagaca ttttgttaca taaggatgac tttttttatac aatggaataa attatggcat 180
ttctattgaa aaaaaaaaaa aaaaaaaaaa aa 212
```

<210> 781

<211> 229

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N75960

<400> 781

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ttaaattaat agatcaaaaag ctgctcgcat tacagagaca accaatagta tgaaaaaacc 60
agcatgctat caccaaaatc caaactaaga aaaactctac aaggtaaaca acacaacttc 120
ttcaacaaat atattgtaag agggcgagaga gatgctgatg aaccaatagg tgagtgaacc 180
ccaaacctgc agcttcagat cacctgggaa tttggtagag atgcaattt 229
```

<210> 782

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N78630

<220>

<221> unsure

<222> (1) .. (440)

<223> n = a or c or g or t

<400> 782

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gtttattaaa ccagatttat tctccacaag ctgaagatac ctgagggttac atgaggactg 60
gcattaaata atttataaat gtatttttga ctgacagact tttatcataa ggattcatgt 120
gtttacaaaa gcaaaatcca acctctccag agctagaaaag tgggaagggtg cccgggctgc 180
aacacagcct tgggggagga tgaggccaca taattctctc tgcccacact ctcagaatgc 240
cccaagaagt tagtagctac acaaagccaa gccttggggg aaaacctggt ccgtgggtgtg 300
gactctccaa aatgcagacc caaccggang ccggggccgc ctttccatct ggaggcactg 360
cagggcttct gaaagcggcc catcccagga gcctggcaaa cacccccaga gaccctcagg 420
atgcgcagcc ccggggcctt 440
```

<210> 783

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N79070

<400> 783

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catttcttat aaatttatta cataataata ttataataat tattatcaat aataataata 60
taagaaacat agatctctgt ggggcgtatc acaacgtcag ggtcaggagg cctcaggact 120
ggagcagggg gtgaaacccc ggga 144
```

<210> 784

<211> 446

<212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. N79778

<400> 784
 atgttagaaa attttaatat atgatttttg tagggccaat acatagtaaa gacatagctt 60
 tatttcaatt gaaccgaata aaatgatgta tttcagtaaa ttaaggcaaa ggagatagat 120
 gctatgacca gtggtgcaaa atttttcaaa aattttataca ttagatttac ctttacaagg 180
 ttatagtcaa gaataattaa tttgtatttt aagcaaactc tactgctttt caaaaaatgt 240
 cttaatcttg agtgaggaat agtgaaggta atcttaatat actgtttaac tttaaaaaat 300
 aatttttagaa ttatagaaaa gtttcaaaaa gagtatagaa tttatgcaca cccttctgcc 360
 agctttcctt aatgttaaca atgtacataa ccataatatg attttccaaa accaggaaat 420
 taacattaca gtagtgtttt aatttt 446

<210> 785
 <211> 409
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. N80129

<220>
 <221> unsure
 <222> (1) .. (409)
 <223> n = a or c or g or t

<400> 785
 agtctagatg aattttattgc cattcacata tttcatagaa aaaaagatgt agcaaacggg 60
 tcagggttgt acaaaaaaaaa aaaaaaatcc aggtttatat aggttgctct atttacatct 120
 gagagcacag ctgtcctggc atcaggcaca gcagctgcac ttgtctgacg tccctttgca 180
 gatgcagccc tgggcacact tggcacagcc cacaggnang caggagcag cagctcttct 240
 tgcaggaggt gcatttgcac tctttgcatt tgcaggagcc ggcacaggca caggagccaa 300
 caggcgangc aggagcagtt ggggtccatt tgcaggcaag gagaagcagg agttcccgat 360
 tcaagaggaa aacacgcagc gggacagatt ctctgtgccga attcttggc 409

<210> 786
 <211> 406
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. N80152

<400> 786
 acctctgtca atgattcttt tgagaaaagc acccataatt tgctacttga ggatttttatt 60
 ccctggattc tctggatgct cattgcatga aaagtggaaa agtttagatc tatggaaaca 120
 gaactgttgc ctatatcgga aaatcagtgc cttgtggaat acaggtaaga acagtgttgc 180
 tcttgaaaaa gtggacagtg ggtggtctga atgtgtcctg gtccctggag tgggttttta 240
 gattgatgtg gactcttctt agacttgtaa gtaaaaaagt tgtttcttcc cctaaaaggg 300
 aactcgtgcg ccttagacct ggggaatttg tgggaaactg aaacattctg tagactttac 360
 ttgtttccaa ctgtatcgca gcaagaagtc tatgtgcccc aggatc 406

<210> 787
 <211> 219
 <212> DNA
 <213> Homo sapiens
 <220>
 <223> Genbank Accession No. N80693

<400> 787

cacggtctgt acagtttata cacagagata gggacccggc ctggggccga acccctacaa 60
 atatagatcc tctctacaaa atagagataa tttagccccc ccatagcagc tggtgggggg 120
 ggaaggggag ggcacaggag gaagggggag actccagctc ctgccacccc tcacgggtaa 180
 cagagggcag gggcagggcc ggcggggaca tgaaggcac 219

<210> 788

<211> 204

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N89827

<400> 788

aatgctctaa gttattttta tttgctagaa gactgatttt tggttaaggag cagcatctaa 60
 taccttgcag aagtacttaa gaataggaga caaattccac tgataattag catttcaagt 120
 gtgataatca gttgaagtat tttttccacc acagtaaaac atacaagtga agtgcaagag 180
 aaaaggatcat atggattata tttt 204

<210> 789

<211> 508

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N91461

<220>

<221> unsure

<222> (1) .. (508)

<223> n = a or c or g or t

<400> 789

ctttacattg tctaataagac ttgtttatta ttttaagctg gtaaaaagag acttatgatt 60
 catgttgaag aaagagttat ttgtgcttga tacattgaag acactgttca aaagcagttt 120
 gtccttataa aaggatgacc cctgtagtat ttcttaggca aggagggaca aattcaacca 180
 acgaaaagca catctcgccc cgagttcccc atgatttctc cacatatagc aaaaaaatac 240
 acatcagtaa tttatttgaa catgcacatc agtgagtagg cancagttct ncggcggcta 300
 ctcaagacaa caanngggag aatatcagca ttacctaat aaaaaagaga ggtgaatcac 360
 accattttta tttgtcttaa aacacggata agaagagcaa ttaaaatata gtcctaaaca 420
 gtactagcta atgtagatta cntaagtata ccatatgatt ccactaatag tgctctgaca 480
 agcataaccn ccagttctag ttaaccag 508

<210> 790

<211> 154

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N91887

<220>

<221> unsure

<222> (1) .. (154)

<223> n = a or c or g or t

<400> 790

atattttatta ttttattgct acattggaag tgaaaataaa ctgtaagaag ctgccaaagg 60
 atgcaacttc atgaagatta tgaaactatt gaggcacca ttgtagaaag ttaaaattgg 120
 cttatcctgc atgaggtgga agcnaaggcc tccc 154

<210> 791
 <211> 169
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91971

<400> 791
 gttttgaaca cagatcactt tattggcatg gctttgtttt aagaaaagga aaagtgacaa 60
 agccaagaga cagactctgc taacagatgc ctgggggtgg ctggacattt ttgcctcatg 120
 ctgtgcaaag aggggggatcc tggcccacac atcctgctga ttccttggg 169

<210> 792
 <211> 139
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91973

<400> 792
 tttttttttt tttttttttt atggggcagc ggggggtcttt attcgtcaga ttttccttct 60
 tggcctactc cccaggtgtg gccagggata gtccatacag tgtggctact gcaaggtcag 120
 gatggccagc agaccagc 139

<210> 793
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N92239

<220>
 <221> unsure
 <222> (1) .. (395)
 <223> n = a or c or g or t

<400> 793
 tcagaaaact aaagcagcac ctttatttta tacatacaaa cagtataaaa tgttttattag 60
 gtaagagctg tgttttgttt acaatatatt atattgcttc aagccaatgc aaaaagttca 120
 tacattatat tccctatttc attgtgttta gaatatatta tattgtttta atgccantac 180
 cacagtgtaa tttttttttt tttaatactg aatctctgga ataatggtaa ggtcaaaaata 240
 tattgtattg agagttttaa aattaagagc aattttttaa aatgtaacaa acatctaaat 300
 atctgacaat aaaatctgaa atgctgtaac ttcaacatta actgcacat ccaaattctt 360
 gtgacttacg cattttgccc catttaacct ttctg 395

<210> 794
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N92502

<220>
 <221> unsure
 <222> (1) .. (510)
 <223> n = a or c or g or t

<400> 794
 tttttttatcac aaacaagttt ctttttattgt ttccacacat tcataataac tatagaacag 60
 aaagattgtt ttaatttgct gtcctacttc ggtgacctga tgaatacact ggtaacagtc 120
 cccagtttga gtaagatcag ttgaagccct tactgtataa gtccaaaatt taagaaaaat 180
 gaatctcacg atgagcttcc tcaggcttcg gccgtgcgtg gaccagtcag cttccgggtg 240
 tgactggagc agggcttgtc gtcttcttca gggtcactct gaaaggggtg tctgggcttg 300
 gtcttgctc ccaggtttca cgcgctgcag gttttacatg gctgtgggtg atccaggctg 360
 ggattccttc tacttcacag cgggtgggagg gctcagaacg acagctgggg tctttccaca 420
 gtggacacaa agaggtacgt tccagttctt gatcaaatng atcactgggg agaaaagggtg 480
 aactggggag aataantaac aggccattta 510

<210> 795
 <211> 253
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93495

<400> 795
 tttttttttt ttttgaaagt tagggctcctt tattggggga tgtcagcaga gaacgtggga 60
 catgaaaaca agtcttagga gtttgagaag gggctcccag gacaggctcc tctgctttaa 120
 ggagcctgtc ctggagaaat taagcagggc cccagtatgt gcagaagttg tcaggggggtg 180
 cccaggggta tgggtgaagga gaggtagtcc ccaagggcac cccagcggcc cggtagatct 240
 ggaagatggt gat 253

<210> 796
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93798

<220>
 <221> unsure
 <222> (1) .. (270)
 <223> n = a or c or g or t

<400> 796
 cacggctcct gtttttattgc cttcgggtgt ccggagcacc tgactgcccc ggggtctaata 60
 aatttaaggt gccgagaaca gggtcaggaca aggggtcgca aaanaggggc tgggggcagn 120
 tggttacaaa atataccccc accccacaaac aaacaggcta gaggagacca gcctggctgt 180
 gtcggggangg ggcgggcaga gggcgcccga ccagccttca gagagacaga gccacggcca 240
 gcgccccaga gggagtggcg gagacaggac 270

<210> 797
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N94303

<220>
 <221> unsure
 <222> (1) .. (399)
 <223> n = a or c or g or t

<400> 797
 ttttttagca agacaagggtg tttttattga ggtctcagga attgcaattt gggagacaga 60
 ttcagctaga agccacttgt gttctgaaga gagagggtag aggaggggtt tttaaaaaaa 120

gctgagggtg attagacaag ttgacaagtt gttttgaaag aggcaactgg cttagtacaa 180
 aaatccatag tttattgggtt ggtgctgttg aggagttgta gtgctgggtga aataaaaattt 240
 tccaggatgc agtgggtcatc gcaatttggc ccaattcaaa gggtcaagggt aagctcctgt 300
 attgtttttt tttttggagc ttttaatttt ttttcaagtt gcagggtcatg tagggaggtcc 360
 nttttaagaa tggcttcctc cctccaattt agagttcct 399

<210> 798

<211> 508

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N94424

<220>

<221> unsure

<222> (1)..(508)

<223> n = a or c or g or t

<400> 798

tttttttttt ttattattta gaaatgtaaa catttattta aaagtaggta gcaagttaaa 60
 aatgaatact tgcctgaaat cataaaacat aatcaagttc tttttaaaac agttaatttt 120
 tttcctataa tttactttca tcgaaagtat attatctttg ttttaacatgc tagatagaag 180
 caatttagca acataaaata tattagctat agtatgttca aaagaatgag aaatataaat 240
 tcagagatga gaccatcatt ttttgcagtt aaaaaaaaaa atgttgattc tgggtgcaaca 300
 tacactgatt atccagggtt tacatttttag ggctgaaacc ctgaggaacc tgctgggtgac 360
 tgtttagcac tngagcagag ttcagtgtgg catgcgcttc ccagagttaa aagcnaaagc 420
 agactggaga aacnaaaaac ccacatcctt ggcatttcng aggttttcac ctggtaatcn 480
 taggggttcc ccaatttatt agaatggt 508

<210> 799

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N95495

<220>

<221> unsure

<222> (1)..(462)

<223> n = a or c or g or t

<400> 799

tttttgccaa acattagagt ttgttttatt gcatgacgtt tgcataagaa aaaaagttat 60
 tgaaaactgt aaggcatcat gcaatcattg aataagctaa ttattaactg tacacttaag 120
 atagggtggac atataatcta aaattttaaaa actagttcca gaaaagtaca taaaaaattt 180
 aacatgatga gctttttaaat atgggtttata gtttcatgtt gttaaaaagt gcttcaaagt 240
 tactgctgga aagttgctct ttacaaatgg cgctgggggtg atgtcagatt ataaactgta 300
 aaaaccaagt acttttatgg aattagaaag ctaacattgt gatccccaac ttcttgaacc 360
 agttttcaat ccccatcaca attaagttga ttaatatata taactaaaaa cactgggtta 420
 taccaccaaa ggcttggatc cagtagnctg tggccaccaa tc 462

<210> 800

<211> 197

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N98485

<400> 800

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tttttttttt tttttgttat atacatttta ttgaaaaaaa atttttacaac aaaatatttt 60
ggcaaactgt aaaagtatac ataagtgcaa atatatcctc ctttttaaaat acaagcaaag 120
tgtgagtata cacgggcata aaaatatctt taaaatatgg tggtagaaaa caaccttgta 180
aaaacgttgt attgtcc 197

```

<210> 801
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R00144

<220>
 <221> unsure
 <222> (1)..(340)
 <223> n = a or c or g or t

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<400> 801
tctaaaatat aattgtttat cccaatgtca ctccacccag gctgcagtga tggcnaaatc 60
actgtaacct cgaacacctg gcttcaagca agcctcccct aagcttccca cactgttggg 120
attgcaggca tgagccacta ttgtctgagc agtggctctt cctgcaggct ggcttaccct 180
ctgcatccca cccatcctgc aggtgaggct gaccatgcc ctaggggtcca agagtcaagg 240
gtaatgaaca caccatcac ctntcaaaag tgacggctct gtcctcatca atatgaggga 300
ntttcctcan ttcctggcat aatcagctca ggggacacaa 340

```

<210> 802
 <211> 264
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R00440

<220>
 <221> unsure
 <222> (1)..(264)
 <223> n = a or c or g or t

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<400> 802
tttnantgan cacaagtaat atgtttatatt ttaaaagtaa cttactatct atcttgtctt 60
tttcgtatca gaaaagggtgc tgtaggaaa agaaaacgaa agtacaccac caagttaaag 120
aaagggaagc ttgggggtaca gattcagctg cctcacgaag actgagctgg acgggcgtgg 180
agaagggtgct tgtctgtcaa ggacgtcccc gtaaggagcg gtggctgcag cagctgctcg 240
ctgggctgtg gccgggggca ggct 264

```

<210> 803
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R01257

<220>
 <221> unsure
 <222> (1)..(417)
 <223> n = a or c or g or t

```

<400> 803
aactattctt gttttatatt ttattataact ggaacagctc gtgtcctctg tctcttgctt 60
cggcgcttgg gtggcttgcg cccacnatct cccccctttt tattaactag aatcgccatc 120

```

gccatcattg cttgttggtg acttcggact tggtttcgga ctccttagag gcattctgcag 180
actaaaagga gacaacataa gcataccaat attaataatg ccagtaacaa caatgatcct 240
ctgacggggt tgagccattt gaagggatta aaatcagggt aattgttttag ttatgccttc 300
aaaaatgtgt gagccaggga actgtgggat aaatggggct tgtgaagcct ccaaagattt 360
gctctttaag gttgtggaaa tatcccaagg gttaagggtta tcatcccngg gggtttt 417

<210> 804

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R02003

<220>

<221> unsure

<222> (1) .. (258)

<223> n = a or c or g or t

<400> 804

tgantnttca tagggctcgg cgtgggaaca gagcgcagga gtctgggggtg ctccaccggc 60
ggggaggggg cgcgagtcct ctcctggggg gatcgggggg gctaggcagg ggtgggtggcg 120
caagaagggt ctcgggagcc ggggggtctg gaggtggagg agtctcagca tcttgtttcc 180
tgtgctcctt cccagcaggt gcaggccctt ctgcctgggg tcccctctgg aaggccctcg 240
gtttccccgg cgccaagg 258

<210> 805

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R08720

<220>

<221> unsure

<222> (1) .. (408)

<223> n = a or c or g or t

<400> 805

gaaacgtgag aatgaaagtg gatgcccgcg aatcccggaa gtcagactgt ttttttcagt 60
tccttgagg ctttttgata ctgattcgcg tacacctgtt gtttgaaagc tctcagcggn 120
gacaatgctg acccagagac acgtccttga tatgttttcc agtctgggtc tgaactggga 180
aatgatcctc tcgcctcgtc cctgcaaagc atgagccagc tgggagtaca gtgggcgcga 240
tctcgggttc acttgcaacc tccacctcct tgagtttcaa ggcgattttt cccaccttca 300
ggccccctga gtaggggttg gggtttacag ggcgnccacc antaattttt cgggttaant 360
tttttgatt tttttaggta ggaagacggg ttttcccntg ttttgggc 408

<210> 806

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R08850

<220>

<221> unsure

<222> (1) .. (294)

<223> n = a or c or g or t

<400> 806

ttccnaaanc	aggcagttaa	tgtgctgaca	tagtaacaag	gtttgaagga	ggaacatctc	60
atgcacgtgc	gtggaaaccc	aattgtcatg	tgtatgaact	acaaaaggat	ggggaaaaga	120
acacatttcc	tcacaacagg	antacatgag	attagaaaga	aaaccggant	gaggtagatg	180
catgantgca	cagacaaggn	tatgtgacag	gaagctgggt	gacattttgc	atctgacata	240
gcagtacacc	tagagagccc	aaggaantcc	acccccaagt	taccagaggc	aaga	294

<210> 807

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R09379

<220>

<221> unsure

<222> (1)..(413)

<223> n = a or c or g or t

<400> 807

ttggnttgag	tttggccttt	cctactgcag	ccagggtgaga	gcttaagatg	tcagtcccca	60
atatcttcac	agagtgcctt	tatgaccagt	ttggagaatt	acgatggtaa	ggggaagagg	120
cagatatgaa	gaggaatggt	taggggaatt	gtcattcata	actctgtgct	atattacttg	180
aggggctaag	aaaaatgtat	ggtcagtga	acacagtagt	gtacccttaa	atgccttata	240
aaagaccatc	catccagtct	gcgcttttga	ctgtgtgcaa	gtatcagtaa	taatgctttt	300
ggggggctca	gatgaacagc	gaacacccaa	tcagccaggg	gctctgggaa	gggaaagctc	360
ccaaaaatga	ggaagtcctt	tccaacaccc	atttttccca	ttactgttct	cac	413

<210> 808

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R10896

<400> 808

ttaagccatc	caagtaaaaa	aaaaaatTTT	aatttaacaa	tgaaaaagga	acttcaaagg	60
gtttatgcca	aaaaacaaac	cagtcctctg	cagcctaact	catttgTTTT	tgggctgcga	120
ccattgtaga	gggcgatcag	gcagtagatg	gtccctccca	cagtcagcgc	catggtgggc	180
cggtaaagca	tttggtcagg	caggcctcgt	ttcaggtaga	cgggcacacc	atcagctttc	240
tggaaaaact	ttttagcttc	tggaaactttg	tttttcccag	cataatcata	ccctgtggga	300
atcggaggtc	agtttagtt					319

<210> 809

<211> 318

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R11526

<220>

<221> unsure

<222> (1)..(318)

<223> n = a or c or g or t

<400> 809

tttantagcg	cgaccatttc	tttattaaat	tatacaaaan	ggnnnggggag	gggggagcagct	60
gtgggggctcg	gcaanacccn	ggccccaccc	cggcctggcg	ctgtctgaga	agaggggatc	120
tgaggggagat	ccagggatca	ggcaggatag	ggatggggca	ggacatgagg	ctgggggatg	180
cagagggttag	gtgggagagg	ctaccngaga	aggaatgagg	ctggtagggg	agggagaaaag	240

agagcaaaga gagagaggag caattggggg ccagctggag agctcagatg gagcaggtca 300
ggaggtggaa caatggca 318

<210> 810
<211> 362
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R15108

<220>
<221> unsure
<222> (1)..(362)
<223> n = a or c or g or t

<400> 810
tttttttttt tttttttttt ttttaacggta gaaccaangt ttattaatga cagcctttat 60
tacaatcact ctcaagtgt aaaaataaag ggtgattaat taatatttaa aactcactcg 120
gacttgctgt ttggcctttc agtggatgtg ccaaagggaa gggatcttgc ctgattctga 180
atcaattggc cagatggagt tcaactggaga atgaggcaat caacaaaaaa gacaaatgat 240
gccaaactgga gagagctcgt gtcttctcca tgttggaagg acattacaaa atggcaactn 300
tgggtggggg cagagatgaa gtaagacaac cttacagtcg gagtaagatg tgaataccct 360
tt 362

<210> 811
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R16983

<220>
<221> unsure
<222> (1)..(416)
<223> n = a or c or g or t

<400> 811
ttgcagagac aagtgaacat ttatttttgt acctttcttc ctatgtgtat ttcaagtctt 60
tttcaaaaca aggcttgagg aatctccaga ttcaattatg tccctgggct ttgtcgacag 120
ctgcaggagt cttagggagc cttgtacaaa tgctagagtt actcatttac caacattaaa 180
cccgagaata gaagatgcaa caaagcagggt ttccttcctc catgggaaag tgctgatttc 240
agacaagggc agcagccaat gtaggaaaat gctgggaatt tttccttggg aactgggact 300
gtggatgaga ggggtgctttg cccatggaac cataaggcta ctgtcttttc ttttggnccc 360
ttccctttcc caggtttttg gaaggnataa aggccgggaa ataaatcttt ctctgg 416

<210> 812
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R17000

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 812
ttgggggtcgg agtggtttta ttgggcagca ggggctcang gccgggtggg cgtcaccgat 60

```

acaagtagtc agcctggatn ttggcggcga tctcggcctc ccacttggtcc cgttnttga 120
gcaacttctc cttgttgtag agcagctcct catgggtctc cgtggagAAC tcaaagttgg 180
ggccctcgac gatggcatcc acgggacagg cctcctgggg agaagccgca gtagatgcac 240
ttgggtcatg tCGatgtcat agcgggtggg ccnggcggct gccatcagct ctttggetca 300
gccttcgatg ggtgatggcc tggggcnggg caaatggcct tCGcagaatt ttccaggcaa 360
ttcaacgttt ccttcccc 378

```

<210> 813

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R25116

<400> 813

```

ccctgcatgc cttccacatt tttccttttc cttttattca tttctttgac cagtggattt 60
ggtgtaaatc aggatgttca cactctgagt gagtgacact ttgattctaa tagggaagga 120
aatataggaa ttcttttttt tttaattaaa aaattgggca tgtttagtgg ggaagtaggg 180
taagaatagc tgtcaagagt aggaaagaga ccaagcagag aaaatcagaa agggccaagg 240
gatacagggt gttgggggga gggtaaataa gtgtgtgaga ggtctattca atttctgtga 300
ggagggaaga cgtgattacc cttgaattcc ccgggggcct ttacaggggg c 351

```

<210> 814

<211> 234

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R25410

<400> 814

```

gtggacaaat cttttatttt ctgaagacaa gtgatttgaa gtccagactg aatggcattt 60
aagaattagg aatcctgcgt gccatcctgg agtgaattaa actaaattag agtccagaat 120
atgcagcttc tttaagaaaa aattctcctc tgaaatattt tctttccac tgcattaagt 180
agtgttcctc atgagacatc tggaaaacat tgattgttaa aatgtgggtc tggg 234

```

<210> 815

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R28370

<220>

<221> unsure

<222> (1)..(419)

<223> n = a or c or g or t

<400> 815

```

anatggatat tagttcttta ttgagaatca gaaatatttt aaatttacta aattcagagg 60
tagtcatggc ctctcccaa taaactttac agtcttagac aatttgtgca ttttaataaa 120
ttcttagtta tagtattaaa gaaagtggct gggcgcgggg gctcacgcct ggtaatccca 180
ggcacttttg gaggtccagg gcagaggcag ggcagatcat gaggtcagga gatcgagacc 240
atcctgggct aacacgggtga aaccccgctc ctactacaaa cacaaaaaaa ttaggccggg 300
cgtgggagac agggcaccgg taggtcccgg gtacttcggg gagggctgag gacagggagg 360
aattgctttg aacccgggga ggccaagggt ncagttnagg cccgagattc acgggnact 419

```

<210> 816

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31679

<220>

<221> unsure

<222> (1)..(431)

<223> n = a or c or g or t

<400> 816

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acttccaaga tnaacatttt tctgtttatt cttagaatgt gaattttttt tttcaactca 60
gggccaagta caaacttttg atttttgaaa ttttttcaac tcagggccaa gtacaatctt 120
ttgatttaaa aatttttttt catgaacaaa ccatcagtag ttattaagga gccaagaaa 180
taggagatgt gaaagcagga tttctttgtg tttcctttga atgttggtat tttgagtatt 240
atcattatca gggtaggagg gaaggaaagg gtagggctgg ggaaggtagg gtccttatgg 300
atatcttgac tatgggatcc ccaggattta catttcacct ggtcacagng gcacacataa 360
tttaggataa acatgttcaa ggaatggaca taaacagagg ggtaaacaca ggggggcttt 420
acatttgggg g 431
```

<210> 817

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R33301

<220>

<221> unsure

<222> (1)..(443)

<223> n = a or c or g or t

<400> 817

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gcaacattct ttctttaatt tccctttgca aatggaagcc cctgagctgg tgcccacccc 60
caccctacc ccataccctg gggacccccg atgcaaggcc cccacctcaa cctgggtggga 120
aaagaggagc acccctccc tatgatggtc cattaaaaaa ttcctagtca ttttaagaaat 180
gaggctggga atgggagaaa ggaactggga agacaaggcc caggtcaggc cagtctgaag 240
atgttggggt tgtgagaccc ttgaggaagg gtttgcaagc acatccctaa gntcggggcc 300
agcatggctt gaaagggagg gagagggtga cacacagaca gatagttttg atttccttca 360
aggctctgcc tgcctggggt gttactttta ggntgctnga catttnacca ccaccaccac 420
caccaccacc accaccacca cca 443
```

<210> 818

<211> 247

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R33627

<220>

<221> unsure

<222> (1)..(247)

<223> n = a or c or g or t

<400> 818

```
aaaaaaaaact tttgaatcat ttattctttg gttgtctaca nagacactta agtactgtat 60
cgctgtcatg cagcggcctg tggaggccct ggggggtggct gggcctgtgt cctgagccct 120
cagccagatc caggggggtgc ggtgtctggt catgtccact ccaagagcag tagcaccatg 180
tagaaggctg tgagcagggt cccctcggct gagtggcaga tgtaggctca ctgctntgca 240
gccccaa 247
```

<210> 819
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R36881

<220>
<221> unsure
<222> (1)..(282)
<223> n = a or c or g or t

<400> 819
tttttttttt ngtgattata cgtttttatta gactcnggga ggggtaatgg caaggnccttc 60
atcangtggt ccttcaaatt aaaaaaaaaa aatacaaaag ctacgtagaa aacgtcagat 120
cagacgacta aactttcccg actcagggcc aagttcttct tgagcctgcg ctctcgggac 180
gcctgcgagt cgggtctccga gtacgggggc ggcgcgggcg ggtagtaggc ctcttcctcc 240
tcctccttgt ggggtctcct cctctcctcc gacccttct tc 282

<210> 820
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R36969

<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t

<400> 820
tttttttttt ttcaagttgc tttttccctt tttattaaaa atagactcaa gcactttant 60
gtatcatata aaagtttcat tcgctgggtg cagccacggg aaagactggc cccgtagcac 120
tgattttcca cctccctcc agggacttgg gtcccaggag cagtgactgg gcctcagaga 180
aagcccataa agactgctta ctctggaagc agccgactag gggctnttcc gcgagcagct 240
ntccccaccc cacccaatgg caaaagttag atactcgaaa gtgcctcttc agtgccaaga 300
taaactaaca agtgggagtg aaatgggaaa accctttgat tattttacta ttttcccagg 360
ggcctggggg nttttnagtt tttccctgca attcaaagtc cttttttccc ttacaatagg 420
ggggtagg 428

<210> 821
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R37588

<220>
<221> unsure
<222> (1)..(507)
<223> n = a or c or g or t

<400> 821
tttttttttta gaattcaggt agtgtttttg tttattatct tagtgttgtc acaagtgata 60
gaaaccccca ngaagtnnga angaaagagc tccntgcntg gacctacatt ttgccattcc 120
cctcttgccc tgggntcaga accttgaagc ctttgcttgg cccttgcatg ttaggatatg 180
gccagaatc agaaactgat gcgtttttcc agcactacct gtgtgctgca ctcattggaag 240

gtgggaagct atacacaggt atccaacttg gttataagac accagttccc acagggctgg 300
 atttctcagc tgtctgggta aaccagtggc acttcactgc cccaggggtg gctggctccc 360
 tttctgaatt tctgtctcaa tgtgatataa ttgccacat tcaggatggc taccacatt 420
 ttggtatgaa caccatgact tctttaaggc aacgggggct ttcctnctca gaacagtgcc 480
 cctgnaattt ttcctcctgt gggcttt 507

<210> 822
 <211> 239
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R37774

<220>
 <221> unsure
 <222> (1)..(239)
 <223> n = a or c or g or t

<400> 822
 ttttttttta tgtatttcca aaatcacaaa atgcacaaca ttcattngttt ttaatatattgc 60
 aacatggaat attatatata gattaaaacc acgacagcaa aaacactcac acggtaccag 120
 tttcatatca aaacaaaaca cacaagtgtc ttttcaatat taaaacgact gtgataaaaa 180
 catattaata ttttgaacca tggtttacaat agngcaaaat tcatatttta ctaaataac 239

<210> 823
 <211> 237
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R38678

<220>
 <221> unsure
 <222> (1)..(237)
 <223> n = a or c or g or t

<400> 823
 tttttttttt tttttttttt ttttttccng ttggaaattt tttatttacc actgcaaggt 60
 ttttgctcca aagtgtcaca ccagacatat gactacaatg tctcatgcat ctttttgtgc 120
 tttagttcat gactgcaaaa cacacactta gcatttgaca acaggaaaca cagagggcag 180
 aaacaaatca caaggactag ttgggttagg ttacagccac attttccccg gggctcc 237

<210> 824
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R38709

<220>
 <221> unsure
 <222> (1)..(401)
 <223> n = a or c or g or t

<400> 824
 tttttttttt tttttttgat ttctcaacat caaagtttaa ttattacaaa atagttcaag 60
 caacatgata tgantttcaa aaactgtatg ttgcttngct tctnngtttt gctccaacac 120
 taatcatgct gaggtttttg aagcacagct atgactaggg caggcactct tgatttcagt 180
 cacaaaaacc cttcttggat gaacaatact tgttcttttc agaagaaaag caattttacc 240

```

ttttctatatt ctattatgaa aaacagagct aaacaatttt tgtattttta gtagagacag 300
ggncccaacca cgctggccac gntgggtctc ganctccttt caagntgttc tgcctgcccc 360
ggcctnccaa agtgccgggg nctacaggat ntgaggncac c 401

```

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<210> 825
<211> 375
<212> DNA
<213> Homo sapiens

```

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<220>
<223> Genbank Accession No. R39394

```

```

<400> 825
cctgtttag ggtgttcctc cagaagcaaa gagcaaaatt ttactgttgt gatgtacca 60
ttctaactaa ttgtaatttt taatttcatt cgtttaatat ttgtctcttc attttaagac 120
ttttaataca aatgtcattt ttaaagaaac aaacccaaaa ctattgtttg tgtttctgtg 180
tttcatattc agtgatttaa tacagtatca tgggctgagg tgggatgggg ggcaggtgca 240
tggatactct tcagaggcta tttgtggaaa ttttaaagga caggaagtgt ctcagtgaca 300
agttgggatg gacactactc cccaactttt taaattgggg aggaaaaccc tcagggtcga 360
gggaggcccg ggggt 375

```

```

<210> 826
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R39467

```

```

<220>
<221> unsure
<222> (1)..(340)
<223> n = a or c or g or t

```

```

<400> 826
gagccacctc ggggtgactg agcggaaggc caggcagggc ttccctcctc ttccctcctc 60
ccttcctcgg gaggtcctcc agaccctggc atgggatggg ctgggatctt ctctgtgaat 120
ccacccttgg ctacccccac cctgggctac cccaacggca tcccaaggcc aggtgggccc 180
ttagctgagg gaaggtaaga gctccctgct ggagcctggg gacccatggg cacaggccag 240
ggcagcccg agctngngtg ggggcnttag tnggggggtg ntgcttgacc cccagcacia 300
taaaaatgaa acgttgaaaa aaaaaaaaaa aaaaaaattt 340

```

```

<210> 827
<211> 379
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R40030

```

```

<220>
<221> unsure
<222> (1)..(379)
<223> n = a or c or g or t

```

```

<400> 827
tttttttttt ttttcatttt tactggcttt catttggact tgaatatcaa caagtatttc 60
cagaataagt atctttatgc cagaatatct ttatacatgt gtttgtgggt agtagaatgg 120
ggtataaatt ttacaaacaa aaatatattt taagaatagt ggaacaactt actatacaaa 180
aacaaaattc agagganttt gtgggcaaca gcaacctcaa gcagcacaca tatttcacag 240
agtgaatgtt catggaatat tatttctgta tcttacatgt tataaacata taaatacaat 300
aatttgtatt tctatttggg gggtcattgt tcattgtgga cttaacaggt ctaaccaagg 360

```

gtttttaaach catattggg

379

<210> 828

<211> 197

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R40431

<400> 828

tttttttttt	tttttttgtc	ttgtgtgtat	ttttattttca	gggaaagaaa	tgagggatat	60
gataagaaaa	agtctattaa	aattgtaagg	cttactccag	acaccattgc	ttaaatcact	120
cccctcgcac	acagagagaa	aaccctggg	caagtgcaca	aaaacactac	tcataaaaagc	180
acgggtgacc	agtgaac					197

<210> 829

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R41798

<220>

<221> unsure

<222> (1) .. (486)

<223> n = a or c or g or t

<400> 829

tttttttttt	tttttttttg	cattttattgt	ggtaaaatat	acataacata	aaacctttta	60
accatttatt	tttaaacatt	ttaagcttct	tattgaaata	taacaatata	ggaaacacat	120
acacagtaca	acttgtaagt	acactgctca	atcagatttc	atctggatca	agaacagant	180
attccaatat	tccggaaaag	aaaagnaaac	atgttaaaaa	aaaangattt	ttatttaaaa	240
aacctagnac	atnggtantt	aaantggggg	gttaagagag	ggtaatctct	ctatcccttt	300
gtgtgtgtgt	ggtatatata	tatatatcat	acataatccc	atatctatgg	catctttacc	360
caccctttta	atggtnccct	tttccggaat	gggggttttg	cnggagggct	tttcttgggg	420
gggggtatttg	gttttatattg	gtttttaaagg	gttttggggg	ggggntaacc	ttgggggggt	480
ttcccc						486

<210> 830

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R42241

<220>

<221> unsure

<222> (1) .. (464)

<223> n = a or c or g or t

<400> 830

tttttttttt	ttttgaaaac	agaattatttt	attgcataca	gcatgggact	gtgatcaacc	60
tggnatcaa	atgccgcgat	ggctgacagg	gcccaggcgg	cgggagtgt	gggaagccca	120
gtacacgtgc	tccctctctg	tgggactccg	ggatccacgg	ggcggatggt	tctntgagtt	180
gagagttgtt	cctgtttgtc	ttccagcccc	cagtcctccc	cggccactct	gattagccag	240
cctagggtag	ggcctggcat	aaagtcacac	aggcaaacc	cagaagaagg	aaaaagggca	300
cctgcatgaa	caaagagttg	ggttgacagag	gntgcaccgg	ggtaagactt	ccttcatgca	360
gttnggagtc	cncctatgtn	gggacatcag	gagatgncac	cncacagaat	tggtngctag	420
gttttnctgg	gttttggccc	agagaggctn	attcccattn	tttt		464

<210> 831
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42336

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 831
 tttttttttt gtatttttctt ttaaattcttt atttattcctt ttcatttcctt tatcccacca 60
 atgcaaattg cggagaacag ctggaagcca cgtcagagcg gcacaggcca gctggctgag 120
 tgatgctgac cgctggctcc gagcatcgag catcgcagag atcacaacgg gncatcagct 180
 ctgggagctc ctaggcgnca ggcacagggc tgctggaggg ccgcagaggc gcgcacntnc 240
 ccagncttnc cacagtagtt tggnccttaa aaacactaag naacagttgn cattcattgt 300
 cttttttttt cttctttttt tcctttaatt aattaaaaaa gaaaaccaa acctcctata 360
 atttataagc tatgt 375

<210> 832
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42424

<400> 832
 tttttttttt acttttctgtg agcttatgag gccattctgc acattatcaa aatgaaatca 60
 ttatgcagta accttatata tataaatcca attttttcct ttgtagaaga aaaccaaatt 120
 aattttacaa actacattta acttagtaat ataaagaact gactagtgtg aaattttgaa 180
 aatctaccac tttattttga agggaaaggc acacatcctt caaaaccccg gctaacaatt 240
 cctaggttca gtttttctatt atacaaatca aaagggttaa ttccttgtgg gcactaacca 300
 aaactttaaa aattaacg 318

<210> 833
 <211> 490
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42525

<220>
 <221> unsure
 <222> (1)..(490)
 <223> n = a or c or g or t

<400> 833
 ttttttttaa ttagaaggaa agaggtagaa gacactgatg tctatttggt ccaagattac 60
 gctctttggt ctacacactg ggtaacaata attgttccca actaaagggc caggccaggg 120
 actcgtagat gctgatggc agcttttcct tctcctttct tctcaatgaa tctcaatggc 180
 ccctaaccac accaacaatg ccagctggc aaacatctaa tgtgggggaa agcagcaaga 240
 tttgtgctgt aggggaataa acaccgaagt tcaggagaa tggggggcca taaaccacac 300
 actgactgac caaatggacc ttgggacaaa tcatttccaa acctaggaaa tggcctccaa 360
 cagttaaatg tgggggttagg cttaaatecc tttcccgaa cagtgtnttg ttttctaggc 420
 tngaggtttg ctttttaggtg gaacccttt tttttntta ttntttggcc aggggtnagg 480
 ggggcaagtt 490

<210> 834
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42607

<220>
 <221> unsure
 <222> (1) .. (243)
 <223> n = a or c or g or t

<400> 834
 tttttttttt aggctttgca aaatacattt aatgatctct ttcaaacaag tggtactcgn 60
 gttttctttg ctttctggag cttaatgggg tatcgatgag gcagcagtca cgggagaccc 120
 aacatgctct tggcagatac tggattatcc aactatcaaa aatggagctg tagaagaggc 180
 atgttnaact ggttaaaaca gaaagggtat tttagtagcg tcaagttgat ctaagtacag 240
 agg 243

<210> 835
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R44397

<220>
 <221> unsure
 <222> (1) .. (270)
 <223> n = a or c or g or t

<400> 835
 tttttttttg tattgtatac acagtggaaa gctgggtttta tttgggagac aatgggagct 60
 tttacattgt tgagcaaagg agtgacgaga tcagtcttgc tttttagaaa gattagtttg 120
 gcagttactt atttgtaacc aganttagac agcaaatacg gatgcagggg gagaagtcag 180
 gtgactatta gtctgcgagt aattctggga caagagcagt ggtaatggaa ttnaaaggga 240
 ttaaagtntt taccagggtt tggcataaat 270

<210> 836
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R44535

<220>
 <221> unsure
 <222> (1) .. (367)
 <223> n = a or c or g or t

<400> 836
 tttnttccaa aaatcaccac ctttaatact ccccggtcct gcacacaccc acagtctcac 60
 tgggctccac cctcacttac tgcccgcgct ggatggcctt ggaggctgcc tgcccgcgcc 120
 aggatgtttg gcacaaagag cagccccgaa gccnctnaa tgntctcgat gggcaccagg 180
 taagcgntcc agtgggatgg cctnatccac aggtgcgttg ggcacacgt aggtgcggan 240
 tncaatttgc ccanctgntr cctccaggtt cagcaccttg aagaagtttg tgggcactgc 300
 cangtgggtt ttgcccgatga cctgggtant ttacgtagga tttcccatca gnctctgtcc 360
 atgggac 367

<210> 837
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R44714

<220>
 <221> unsure
 <222> (1)..(398)
 <223> n = a or c or g or t

<400> 837
 tttttttttt tttttttttt ttttttgattt tnagcaggna cagttttgat tttattgcaa 60
 ggcacacaat cgtatataca atgcataatt atcatctttt aaagtacaag ataaaaatca 120
 tatacattat agtaaaganc atatgagtat attcttggtt cagagangaa anttgcctta 180
 aggaagctgg gttataccgt ttttggatgt gatttttcgta tttatactga atcatccgaa 240
 cagctcttgg ttaggaaaat aaatctcatt gatagggnc cacaaccttt cacaggcttt 300
 cactttacaa tgttccantt taaaggtcag ccagtgtggc tccctggatt ttggcatggg 360
 gtcacgcttt tttcatcccn ggggtcttgg gttggaaa 398

<210> 838
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45654

<220>
 <221> unsure
 <222> (1)..(364)
 <223> n = a or c or g or t

<400> 838
 tttttttttg ccatgtttca tttcctttta taatgaaaat ccataagggt ttaaaataact 60
 cttagacaca cctagcttag caaatatcat ggacctctac atttatgtga attcacacat 120
 gagctagcca gcacctcagt tctggctggc catcgacacc tgcttctccc tttggccctg 180
 gggccaggga gccctggagg ccagggtccc ctctgcctcc tccaatggag ttgccagcat 240
 cgcctttatc tcccttctgc cccaggaggc caggaagccc aggggagcct tcagccccct 300
 tctcaccnt ntgccccntn tttncagca aacctggggg cccngnttc ccttttggtc 360
 ctgg 364

<210> 839
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45698

<400> 839
 tttttttttt ttttttcatt ataaaagtca gtttattttc cctttctgtg tttcgtattt 60
 tccctttttg tcagtaaag agcaatacac tgactggaaa tctgcatgat taaataacat 120
 taacaagtcc ataaacacac cccatatcag agtataaagc aagagggtga aaaatatccc 180
 ctaaccgaat gccaaattag ggtatccctc aaaattgcac attctccct 229

<210> 840
 <211> 254
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R46074

<220>

<221> unsure

<222> (1)..(254)

<223> n = a or c or g or t

<400> 840

```

tttttttttt tttttttttt tttttttttt ttattgccaa ganccaaaga aaaaatttta 60
tttacaatag agaattttat ttgaaacatg catttcttgt ttttttaaaa acaaatcagc 120
aatgcagat caagttttaca ctcccttaagg caagagtccc tatgcacgct gtacatgttc 180
atattaaatc caaaagctgc tcacccgggg aacttgtgta caaagggcaa ggccaagggtc 240
agcaatgtgt cttt                                     254

```

<210> 841

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49138

<220>

<221> unsure

<222> (1)..(338)

<223> n = a or c or g or t

<400> 841

```

ttttnttttt tttttttttg ggagttgaga tatttattaa cagatggggg tgctgggggt 60
gggctcctgc cccagaggga ttgacaggtg gatgccgggt ggggagggtc gcagggtctg 120
ctcctggcct ctntcctggc ttcattggtcc tgacanctct gggccancct cagggtctgg 180
agcgtactnt agcaccancc tttcaaagtc gttctccttg gcctggtact ccttgatgaa 240
gggatgggac ctgtgggcat ccttcagctg ggacaggtat cggtttgtca cctcaggggg 300
nttgccaggn tgctnggaca ggacgatgag gttnacca                                     338

```

<210> 842

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49327

<400> 842

```

tttttttttt tttggaaaaa gaaatttttt tttaattaga aaccaagttt acatacgggt 60
aaatggttac taaaagctca gttgtaacca ctccaaacac cactagcaga acctcaagg 120
agccaagagc tcttcccttt tcccctgtta atttccagta taatgtagca gcacaattat 180
ttcatgtcac atttaagaag aacaagaacc aatttatata aaggtacaat tgtatatcct 240
taaacattcc acataaacac actgtcaaaa ctactggat atgc                                     284

```

<210> 843

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R51831

<220>

<221> unsure
 <222> (1)..(414)
 <223> n = a or c or g or t

<400> 843
 tttttttttt ccatttttaaa ttatttttatt gtatatataaa aaaccaaata aagcaataac 60
 tttaaagacc tcacacacac acagtataaa cacctgggta aggttttntt cgtgtccatg 120
 ttgacaccgg aactaccgtt aaagtgcaag ttttgttttg tgttcctttg tgcagtttca 180
 ctcacatgta aacaagtcac ttggctatga tttgaccac gccccccgn ttagtttcgg 240
 gagggcagag gctctaccgg ctgtcacagc aaccggant cacagncaag ntaatgcccc 300
 gtgggtcctg accctgcaag cggggcatga cggtttcttg angcctagca gaggttggtt 360
 aactttcaca tncctcccc acccgtggt tcactnttag gtttttgaga agtt 414

<210> 844
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56183

<220>
 <221> unsure
 <222> (1)..(538)
 <223> n = a or c or g or t

<400> 844
 gtaagatggc ggggtacgac ttaactactc gcatcacgca ccttttggtat cggcatctag 60
 tctttccgct ccttgagttt ctctctgtaa aggagatata taaagaaaag gaattattac 120
 aaggtaaatt ggaccttctt agtgatgcca acatggtaga ctttgctatg gatgcataca 180
 aaaaccttta ttctgatgat attcctcatg ctttgaaaaa gaatagaacc acagttggtg 240
 cacaactgaa acagcttcag gcagaaacag aactaattgt gaaaatgttt gaagatccag 300
 aaacgacaag gcaaattgagg tcaaccaggg atggtaggat gctctttgac tacctgggag 360
 gacaagcatg gtttttaggca ggagtattta gatacattct acacatatgc aaaattccca 420
 gtattgaatg tggggaatta cttcaggagc agccagaatn tctttatttt tttcagagtg 480
 ttggttcccg caaccgacag anatgctgta agttcactct gggggaagct ggcctctg 538

<210> 845
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56216

<400> 845
 tttttttttt ttagaaagaa gttgtttacc actttaatag ggctgtccaa catttggtca 60
 catagatcat cttgaaatct aattgttttc atggccttcc tatctcaca gagagacct 120
 gaatactctt ggaaaaagca aaccaaacat agaaagagat gccatgataa gacttggtgc 180
 tacagcacta ttaggttaac gatgccagac tttggattta atcagaggac atttctgcag 240
 tctaggacag ctatacaaag ccttaagaca ttgtatttac aggacttatt catgtaggga 300
 tccatatacct acccataact ctggccagag tcttaatagc atgggtggga gtgggctccc 360
 ttaaggaatc ctcac 375

<210> 846
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56602

<400> 846
 tttttttttt ctgttatgat tagatatatta ttgagcacca ggagagagtc agaacattag 60
 acttatagtg gaggagcaga actgaaccct ggcctgtgaa ataacaattt caattaaaag 120
 ctgtctggcc ctgaagaaag agaaatgac ctggatatag ctggtcctct gagctggcag 180
 agctgagcct ccctcggggtc ttctgggtggg caagatgcc aagttgaata gtgtctgtag 240
 ggcattgatga ccaagtccta gtgctatggg catcttcct ctggtattta ggagaggagt 300
 accagaagcc cccggcagag gatactagga agggcccaga gccaaatcca gcagctgggc 360
 ttac 364

<210> 847
 <211> 181
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R58878

<220>
 <221> unsure
 <222> (1)..(181)
 <223> n = a or c or g or t

<400> 847
 caaacagggtc atttggtttt attttatgga tacaccaaaa ttttataatg agttgtgttt 60
 ctattttggc tttatcttcc agaaacttag aaccaaatat gcagtcctct tctagcaact 120
 gtatgagagc aggtggtaag cttctatttn attgcccctg ttttcccttg actccaaatc 180
 t 181

<210> 848
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R59593

<220>
 <221> unsure
 <222> (1)..(485)
 <223> n = a or c or g or t

<400> 848
 tttttttttt ttttttgcca ttgaaaagaa agtttaaatgt tacaattctc cccagaaatg 60
 aggggtcatgg catgccacag gggggccacat gaaactctgt cacaagcaga gaccacaaag 120
 cagagagagg acctgagact atgcctttat tgctaagtca gtgggatgga tctagggtggg 180
 gatgtcccct gtttgggcat aaagcaaaaa cagacattct atggttgtca ctgggaagtc 240
 tgtgatatga gttttgtgca cccacgagag agggcttaaa aggatgatgt aaacaacttt 300
 agccttttagt ttgtccctgt acttaatat tgtcaaatag ggcaaacaca aattctaagg 360
 taaacacaga ttagttccgg gagcagcttg gcttatggca cacnttcagg gaaacacctt 420
 ggcttaaatac ttacagggga ccacctgttt ttttcaaact ttgggggttat tccgtttctg 480
 acttt 485

<210> 849
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60056

<220>
 <221> unsure

<222> (1)..(363)
<223> n = a or c or g or t

<400> 849
tttttttttt ttttataaaa ggaaacagac caacatcata gtgtttttatt gacaaaacca 60
taggaaaagg cagtttttagg atgtaaagta aaaatgggttc tctgaaatat ctacacaaac 120
gtgaattctg aaaagttttc attaaaatcg tatttcatac aattataaac taatgaggaa 180
caaaacaatt ttcaacttct ccataaccca gactgagctt gatttatgct tgccatacag 240
aagcagganc tcttcccaga gaggggtggtg gctcccacac agctgacagc caggtttggc 300
tgtttaccta agccccatct tcccagtcgg tgttcaaaac aagggcacia ggtctgggct 360
tttcaaaaaa aa 372

<210> 850
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R60777

<220>
<221> unsure
<222> (1)..(387)
<223> n = a or c or g or t

<400> 850
tttttttttt ttttttttatt taaatggaaa cactaatctt tatttttcac atgctgaagt 60
gtgtggttac aatttccaat aaaacactat atataataag caaaataagt tagtacattg 120
taaacttatg cacagtttca tcaattaaca gtttaaganc aaacaagcca tttaagactt 180
tgagactaca tttagtaaaa nattgcaaac actcaaactt tatcaacccc aagtaagaca 240
gtaaagagct attcaagact tcttcaaacc aattacacaa ntacatgttt atttttgggt 300
acagtccctt ggctatgcac aaggaccatt gggaatgctg ggancaattt acacatttta 360
aaaacgggca aaaaggcaaa gcaaggg 387

<210> 851
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R66690

<220>
<221> unsure
<222> (1)..(440)
<223> n = a or c or g or t

<400> 851
acattttcaaa atttagatat ttaatagttg agaaaaaata aagaaacaaa aaatacaaca 60
aaagagaatc acccataggt ttcaggaaca aaatcattaa atggaaaaat gagaagaatt 120
ctttattttt ggaccaattt taggcactta agagttttct tttcttcctt tccccttgat 180
caaagtgaag atatgatagg gaattcagaa atttctcttc ttgaagaaag cagagataac 240
ctgtccatcc tagtgaaaga aagcacaac gattcacctg acgggtggaca caaatgact 300
ccttcattct ctcagttctt tctgctgtaa tgaaattcca cctgatacat ctagccatag 360
cacactgtta attactttgc tattttattca gtaggctccn caagtgggga agcgttcttt 420
tgcccgggga tttgtccggc 440

<210> 852
<211> 350
<212> DNA
<213> Homo sapiens

<220>
 <223> Genbank Accession No. R69417

<220>
 <221> unsure
 <222> (1)..(350)
 <223> n = a or c or g or t

<400> 852
 ttttgtgggg ggggcaacta aacaaacaca aagtattctg tgtcaggtat tgggctggac 60
 agggcagttg tgtgttgggg tggttttttt ctctattttt ttgtttgttt cttgtttttt 120
 aataatgttt acaatctgcc tcaatcactc tgtcttttat aaagattcca cctccagtcc 180
 tctctcctcc cccctactca ggcccttgag gctaattagg agatgcttga agaactcaac 240
 aaaatcccaa tccaagtcaa actttgcaca tatttatatt tatattcaga aaagaaacat 300
 ttcagtaatt tataaataaa ggggcactat tttttaatga aaanaatttg 350

<210> 853
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R70212

<220>
 <221> unsure
 <222> (1)..(341)
 <223> n = a or c or g or t

<400> 853
 gcagttggga agaatttatt atcactaagt ggccctgaca gatcagggag gaggggggtga 60
 cactaacgag gctgctacaa tcagctcccc tagaggcagc gattaagggc tcattacccg 120
 ctgggggtgag gggagcctgg gaaaggcagc ggggcnnggg gattagggtta ggaggtgggg 180
 cantttagag ggaagaagag tgggacaccc ccaggggagc ccaaggaggc ctggcctggn 240
 agaagantna gnttaccctc ccacccccca ntggggannn tatgactaag gaagccccca 300
 gaagggntga aaggagantt tcccaggga ntgagnttag a 341

<210> 854
 <211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R71395

<220>
 <221> unsure
 <222> (1)..(284)
 <223> n = a or c or g or t

<400> 854
 tggaaaaaan nacaacttta ttttcagtc tttctatttc cttgggttatg aacaaaggta 60
 gcaaagtgca gttgtatcag cagtgccaat agaaattaca gagtttttca tatcccttta 120
 cagtttgcca caggtatctt aaaatatatt ttacactcat ctctcttcag ttaccattg 180
 tttaataggc ctaccctcga tctttttatt caatatgtta ataaagaaac ctatacacat 240
 agtatcacgt tatacatttt aaaantnttt tgacaactgt atat 284

<210> 855
 <211> 480
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. R71792

<220>
<221> unsure
<222> (1)..(480)
<223> n = a or c or g or t

<400> 855
atttattgca aactccctaa tatcacatgc tagtgcgctt gnaatttcac tcaggaatgt 60
tccgggatgg gggccagaag gtagagagca ccatgaaagt acagcctgcg aggccggatt 120
gctaaggggc agacttcatg ccaatggagg gacaganttc aggaccagtc tggatgggct 180
aagctgcctt gggcngnaag gagctggatc aggccaggga gcttgagggt ctcctttggc 240
caaccacccc caggtttcca gctcctcctc ctactcagg gtcctgcgcg gtgagggagg 300
tttgggggag gttcgcggct ntacagctgc cagggntttt ggggcactac canttaagcn 360
tgaggccccc agtcagtcct tcaactnggg aaagtttcca agganttggg gctttcactn 420
gcattttttt cagacangtt ccggntaagg ggttnaagct ttnccttngg ggggttnccc 480

<210> 856
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R82942

<220>
<221> unsure
<222> (1)..(395)
<223> n = a or c or g or t

<400> 856
atttattttt caggaagaga aacaggagac ctcgaggctt ctggacttag gaggnccggg 60
cagctgggcc atgggtgtcc aggnagtgcc gcaggctgtt ggganaatcc gttatgacgc 120
cagtggctcc cacgctgaag gctgcttcaa aatccgactc ttcattaagg caccaaaaga 180
ccacctgcac cctcgcctcc tccaagtgtc ggatcagact ctctctcatg atcagccatt 240
tcgaaaccac agccaataac tgggttcagg caagagcagg aaaatgggga aataggtcct 300
nttgatgatn ttggggcagg aagcagaaga agaacttctc agggattggg gatgaagggc 360
agcagcccag ggtagtaggg aaagcagcac ccaga 395

<210> 857
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R84421

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 857
acaaagagaa aattttattt tcttattcct gaaatgactg tacgattttt caatgttaaa 60
gttcactttc aagtatgatc aataacaaga catcaaatgt aaaaattatg ctgtattatc 120
attttctcca ttgcttctta aaccactgaa agtaatttca caattcacca catttaggca 180
tcttcttttt cactttcttc attttttact tctttaggca acaatggatc aatcttcagt 240
aataaacctt cacttggtga actacgaagg aaagcacgta ccacaanggg acccaaattc 300
aggcgggtct gtgcctacaa acttcattaa taactgcttg cggattgggc agctatctgg 360
gtcacttgac atatccaatg ttggctattt tg 392

<210> 858
 <211> 476
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R84968

<220>
 <221> unsure
 <222> (1)..(476)
 <223> n = a or c or g or t

<400> 858
 aaataaaaac agtaagcaaa taacactgtg ggcagcatac agaggtggca aacaaataaa 60
 gtcctggggtt actaagagga accaggggtga agagtccagt ctggatgcag tgggttggtg 120
 ggcagcggca aatctcgtca ggggctaagc tgcagtagcg gacccctgag agcccacctg 180
 gggctgcagc ctggccccgg gcctgggagt tggggctgcc gntttccatg ctgggggtcct 240
 gctgggtcca atgggggcacc tgccctcttg cccagctcat tgggtgaagc atcagatgag 300
 gcgaggtggt tccagcccc taaaccaggg tgatgagggt tcagcgacct tcggagccan 360
 gccagggtn agtttttggg atgccccagg gttcctnaaa caggntcccn gtccccagtt 420
 tttcttttgg aacaagcntg ctggggtnct cccggnataa gtgaatcaga gttttt 476

<210> 859
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R85291

<220>
 <221> unsure
 <222> (1)..(412)
 <223> n = a or c or g or t

<400> 859
 ttgntattta cangtattta aatgtgaata ttcactacct atttgttgca ngcctgcant 60
 ttttatactg ggcttgccaa aaaccggaac agctttctac tttgacaatg tatcagaatt 120
 taaatcagca atatgttaat aagccaagca aaggttatat atgcaaataa aactgttgtc 180
 tataacctcc tgttacactg gggcacagca aaagtcattg ngtagtcgca tgtgaacctg 240
 tccctttcat aggctgctca ttgccgggga acatcaggga atagccattt gggaaggggt 300
 catcagccct cccancatcc gttttctgtc ttgtcttttc cctatgaggc agggggnaat 360
 tccncggtgg ggccccaatc cccagtgcag gnggctcagc ctntggcctt tg 412

<210> 860
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R88209

<220>
 <221> unsure
 <222> (1)..(380)
 <223> n = a or c or g or t

<400> 860
 acatcagtca gaaaattcca gaaaatggaa agtactccat catacagcaa agtaaataca 60
 tgggttggtt aagagcagag agaaaaactt tataaaggct ccaagtaaat acaaagggtga 120

```

tagattagat aaattcatta tggngactct gatgatgggt tcacgggatt ataataaaat 180
tcaagactta tcctacagct caaatatgtg tactttattg gatgtcattt atatctttat 240
tttattttta agatgggggc tcactctatc acccgggctg gactgcagcg ttgcaatcct 300
aggctcactg caacctccgn ctcccgggnt caagcaatcc tcccacatca ctaagggncca 360
gggtacatgc cncctnccg                                     380

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<210> 861
<211> 415
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. R89291

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<220>
<221> unsure
<222> (1)..(415)
<223> n = a or c or g or t

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<400> 861
atggagtctc actctgtcac ctaggctgga gtgcaatggc atgggtctcca ctactgcaa 60
cctccacctc ccaagtataa gtgattctcc cacctcagcc tccaagtag ttgggactac 120
aggcacgtgc caccacacct ggctaatttt tgtattttta gtaaagatgg ggtttcacta 180
tggtggccag gctggtcaca aactttgccc actttttaat gggattatct gttttattcc 240
tggtgagttc tctgtatatt atagatatta gtcccttggt gggataaatg gtttgcaa 300
attttcttcc acttaacagg gttgtatggg gatagggatt ttttaaaaaa ggagctaccn 360
actgtgaagg ggtaatatct cttaccttaa agggggccaca tagggccntt ttatc 415

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<210> 862
<211> 379
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. R89840

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<220>
<221> unsure
<222> (1)..(379)
<223> n = a or c or g or t

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<400> 862
ttaaatttta ttatagtaac aaagtgacta tttttaataa taaaagcaga gtgcctgtag 60
gaagtggatg gccctatctc aggccaagtc tccttagtgt ttcagacctc ggctgaccag 120
aatagtcttc tagaatgtaa catttatcca ccaggngtca ttatttacca atctgacaag 180
ccactgggct gtctccngc attcaatggg tggaatcaag gctacagacc agantaggag 240
atgaatgaaa ntagatttag aaaagggcgt tgtggctgga atgcagcttg cagtgtggga 300
gggcagggnt gggagggtaa agagggctct ttgaaagncc agtntcactt tcctgatcca 360
agtttcttaa gctgatact                                     379

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<210> 863
<211> 378
<212> DNA
<213> Homo sapiens

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```

<220>
<223> Genbank Accession No. R91484

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<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

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<400> 863
tcaaatgtca gattttcttta ttaaaatgtg cacattatag tttacttaaa tacaaaatgt 60
tcactttcct tgcaggtaag aaattttcact gacattttcca tgtcaattag cttcttttta 120
ataaaaaatcc ttccactgaa aataaatang catttaantt actgaactat tatattcatt 180
agtctcaata cctcttataaa tacttataaac ttgngaaaat agactctaaa catngcctaa 240
nggngggcat ccagctctga ggcaggccac acaaggtgtg tctgaggat gggccatag 300
actccggggg ggccacctcc acggacgggc ccagcccccac cgacggntct gctggaaaat 360
cccggccct caggcggg 378

<210> 864
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92737

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

<400> 864
ttaatatataa agtaaaagag tacattgttg agtagaggat taaaggagt acgacccttt 60
ctaaagtggg gtctcccatc ccggatccct aagactgtaa catctgctac atacattaaa 120
ancaaaaaca aacaaaagca aacatgaaac ttatgacctg acttcactcc acccttcatt 180
cctgcattat gacagaaaca cgtccactg ctctactta tgtatgtaca tccagaggct 240
ccaaaccta ggctgtgggc cccctcctcc caggcccccac acacacacac ccctggcaca 300
cacatggcac acacatggca cacacatggc acacacacac atacctggct ggcccat 357

<210> 865
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R93908

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 865
catatatnna atantaaaaa tcctgggagg cattgcactg taatagtaag tctgcccac 60
caggntcatg catgtctttt ctttcattca agtcttattt tatactcttc agtaaatattt 120
catatagatc ttgtgaatcg aattattttt acatttcaaa ttcaactaac aattattaat 180
aganaatgaa aacattgatt tttttcaata tttattttgt gtc 223

<210> 866
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R96924

<220>
<221> unsure
<222> (1)..(334)
<223> n = a or c or g or t

<400> 866
 agtaaacttt attngggaga tgggggtgaat ccatcactgg ttactggaac cctgagtctg 60
 cattttctcc tcaggaaggc ggtctgaaat ggagtgggct gtgtttggca agggttgtag 120
 tggtttgga tctctcacct gcttggctcc cgagctgggc ctcaggctgn tctccccaga 180
 gtaaattgccc gggatcattg aggaagcgtt ggctgcgctg ggcattgtag ggcaggctctg 240
 tacgggtccag cgctgtcccc tgcagcgtct ctgggcgctg ggggtgcagg nagggccngg 300
 acgaggaggg aagagcagcc tcgacagaga gtcc 334

<210> 867
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R98442

<220>
 <221> unsure
 <222> (1)..(510)
 <223> n = a or c or g or t

<400> 867
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 ttcaggatga ctgggaggct tcttaggcta acttttgcac ttgaaaatgg aaaaaataaa 120
 ttacttgata tttgtgataa gactaagatt tcttaaaagt ctgcacatca atatattacc 180
 tgggcttagg aggggtgagg cacagtatcc atctgcaccc tctcctcgta ttttttaaaa 240
 acaggcaaaa tatgtaagaa aaggctgggtg cacgttgga gacagagcgt gcctgtctat 300
 gccagtgtct ctgtgccctg cagcctgggn aggatgggag tcggatgtct gggcctcatg 360
 nccacttagg gccaataaca tactcaagac tctacagccc tttcaccagc aaagtatgnc 420
 ctgaggggaa ccactgggtg ttgggagttg aaggcacaca aagcaggggc taaagggcaa 480
 ttgggggttc acggtgcagg cgccttgagg 510

<210> 868
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99092

<220>
 <221> unsure
 <222> (1)..(386)
 <223> n = a or c or g or t

<400> 868
 tgtagagacg ttttgccctg ttgcccaggc tggtttcgac ctgctgtgct caagggatct 60
 gccacacttg gcctcccaaa gtcctaggat tacaggcctg agctactgcg cccaacccat 120
 ttatttattn ctgttttagt tgcatttgct ttaggagtct tagccatgaa ttctttgcct 180
 aggccaatgt ccagaggagt ttctcctagg ttatattcta gaatttttat ggtttcagg 240
 cttagggttta agtcttttat ccatcttgag tttatttttg tgtaaagtga gagacaggga 300
 ttcagtttca ttcttctaca tgtggctatc cagttttccc agcaccattt attaaatagg 360
 ggtgtccttg cctcaattta tggttt 386

<210> 869
 <211> 691
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. S45630

<400> 869

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gacccctcac actcacctag ccaccatgga catcgccatc caccacccct ggatccgccc 60
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gttggagttct gatcttttcc cgacgtctac ttccctgagt cccttctacc ttcggccacc 180
ctccttctctg cgggcaccca gctgggttga cactggactc tcagagatgc gcctggagaa 240
ggacaggttc tctgtcaacc tggatgtgaa gcacttctcc ccagaggaac tcaaagttaa 300
ggtgttggga gatgtgattg aggtgcatgg aaaacatgaa gagcgccagg atgaacatgg 360
tttcatctcc agggagttcc acaggaaata ccggatccca gctgatgtag accctctcac 420
cattacttca tccctgtcat ctgatggggt cctcactgtg aatggaccaaa ggaaacaggt 480
ctctggccct gagcgcacca ttcccatcac ccgtgaagag aagcctgctg tcaccgcagc 540
ccccaagaaa tagatgcctt ttcttgaatt gcatttttta aaacaagaaa gtttccccac 600
cagtgaatga aagtcttgtg actagtgtg aagcttatta atgctaaggg caggcccaaa 660
ttatcaagct aataaaatat cattcagcaa c 691

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<210> 870

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S59049

<400> 870

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tagatggcaa cctccctatc tgcccgcagg tcatagaggg gacacgtagc gtcattctgac 60
cctgaagcaa aggcattctcc actccaaagt tagacaaaat gccaggaatg ttcttctctg 120
ctaaccctaaa ggaattgaaa ggaaccactc attcacttct agacgacaaa atgcaaaaaa 180
ggaggccaaa gacttttggga atggatatga aagcatacct gagatctatg atcccacatc 240
tggaatctgg aatgaaatct tccaagtcca aggatgtact ttctgctgct gaagtaatgc 300
aatggtctca atctctggaa aaacttcttg ccaaccaaac tggtcaaaat gtctttggaa 360
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<210> 871

<211> 1644

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S75463

<400> 871

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<210> 872

<211> 2469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S77154

<400> 872

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<211> 1223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S81914

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<210> 874

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03229

<400> 874

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<210> 875

<211> 253
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T03593

<220>
<221> unsure
<222> (1)..(253)
<223> n = a or c or g or t

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cttcactcaa ggaacagggc aagggggccc agtacagaga acagaaatct cttacgacag 180
catcgtgcc tggcaganga ttctgcatan tcacctagaa atttcaattc taactgnttt 240
gatggaataa tag 253

<210> 876
<211> 71
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T10695

<400> 876
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ggccagcacc g 71

<210> 877
<211> 255
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15409

<220>
<221> unsure
<222> (1)..(255)
<223> n = a or c or g or t

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aatccatttn attngttcga actgcggatt tttnaacgta ttcaaccagc tgaattgaac 180
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ngtgcgtnac tgtgc 255

<210> 878
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15423

<220>
<221> unsure
<222> (1)..(268)

<223> n = a or c or g or t

<400> 878

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gaagcaaccg gtgggacttg gcccttacca gccaggggtc tactccattg ggtcttgggg 240
cccaccaacc cctnttagag gnggnccc 268
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<210> 879

<211> 537

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T15530

<220>

<221> unsure

<222> (1)..(537)

<223> n = a or c or g or t

<400> 879

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tattagagcg cttcataata ccccgaggtc ctcgtgaaca cactccagggt ggaaaattct 180
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<210> 880

<211> 246

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T15850

<220>

<221> unsure

<222> (1)..(246)

<223> n = a or c or g or t

<400> 880

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gtaacggtaa cccctaactt ttcaggggcc tggnacccgc ccctgccagg gtccacacgc 180
agagttatgg cgggnccacc cccacagggt cagctctatc tcccacctnt tgcacagaga 240
tataag 246
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<210> 881

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T16282

<220>

<221> unsure
 <222> (1)..(311)
 <223> n = a or c or g or t

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 aatgtcagan gtcattcttg catttcaaac agctatgtac agtatcacga agatcggttt 240
 atatacacia atattgaaga gaaaaaccgg gcaaaacatt taaaaacaga ctaataatac 300
 aatcaagtat a 311

<210> 882
 <211> 240
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T16556

<400> 882
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 ggaatgctcc gttgtatatt caggaggagg cagtgaataa gacaaataat aatgtctttg 180
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<210> 883
 <211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T17428

<220>
 <221> unsure
 <222> (1)..(250)
 <223> n = a or c or g or t

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 aatgcctttg tgtntcaggg ctccgggagat tctcctcgnt ggccagccat tggcaagaat 180
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 agagccctcc 250

<210> 884
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23468

<400> 884
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<210> 885
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23490

<220>
 <221> unsure
 <222> (1) .. (299)
 <223> n = a or c or g or t

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<210> 886
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23622

<400> 886
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<210> 887
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23935

<400> 887
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 atcatttttc agcacttctc acatagaagt ctagttttgc tctttaaaat caccatctgt 240
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 cccacctaa 309

<210> 888
 <211> 128
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T25732

<220>
 <221> unsure

<222> (1)..(128)

<223> n = a or c or g or t

<400> 888

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tcactgcg 128

<210> 889

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T32113

<220>

<221> unsure

<222> (1)..(207)

<223> n = a or c or g or t

<400> 889

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ctcacaggtc agcaccacac gctccaggcg cacggctgcc acatacacct tgccgctggg 180
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<210> 890

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T33263

<220>

<221> unsure

<222> (1)..(308)

<223> n = a or c or g or t

<400> 890

gttccttttaa aggtttatatt ctggcaaata aaaaaaaata acttatgtgg ttagataaat 60
taatgtatgt nattagatac gacacagggc agagctgaac gtctctgttt tcttctggnt 120
cttgaagggtt ggtgagaggc cgctgaatga gaccagcct cgtgttttgt gggatgaaga 180
gatgcagaca aagtgactca ggtacactga tgctccctgg agggctggga ggtgggctca 240
gaggaagagg ccgaatccaa acctttttta ttgaaaagaa atagctcttg tttgtagcat 300
ttaaaga 308

<210> 891

<211> 280

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40327

<400> 891

agaaacctca agctcccaaa cagcacgttg cgggaaagag gaagagagag tgtgagtgtg 60
tgtgtgtgtt ttttctattg aacacctgta gagtgtgtgt gtgtgttttc tattgaacac 120
ctatagagag agtgtgtgtg ttttctattg aacatctata tagagagagt gtgtgagtgt 180
gtgttttcta ttgaacacct attcagagac ctggactgaa ttttctgagt ctgaaataaa 240
agatgcagag ctaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 280

<210> 892
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T40895

<400> 892
 taatggtagc tatcaattta ttaactgggt actgcggcaa tatatataat tataaaatca 60
 ccatcaatcc ttctattcat acgttaacac atatcactgg tttaattcat tgaaggcaaa 120
 tacaagtttt tcccttactt tccctccaag attccactta ggctgggttac cccaaacgta 180
 atggagaaac attaaatgtc actttttaac cactttttaa ccagtcctta attttcaatt 240
 caggtgtgag gcacatatat acacacaaac a 271

<210> 893
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T40995

<400> 893
 taatgggttaa ggaggaaggt ttattggctt caattcccca gttgatgttc aacactttat 60
 ttagttctca ttggatttt aaacatttgc ttgacaaata atttcccatc aatttccatt 120
 tctttggaaa gctcccacgt gtaatttatt tttaacatct ctgaagagca gaattaatga 180
 tatttcctag ctgttgctcc agatcatgta gggtagagga ggctgaaaac tgctacaagg 240
 gaaggcatct gtattgtttc aaaacgtcag gacggtacgg gatactcttt ccagagcgac 300
 gaggggtcaaa tcccttcatt tatttttttc aaaagggtaa aac 343

<210> 894
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49061

<220>
 <221> unsure
 <222> (1) .. (351)
 <223> n = a or c or g or t

<400> 894
 ggaccaaaga acttttatatt tatttttaa atcaaagtaa cacaaagaac tagttcaata 60
 tacagtacac ttctactct tcacagagaa ctgaaatttt ctataaagac atttataactt 120
 aggaaacatc agacaaccaa agtatgtata aaactcacia gatattttac acacagttca 180
 caataattaa ttctgatatt ttaggnTTTT tctgtcattg ctttttaaagc atccttaatt 240
 taaaaacaaa aattattatt tgaggactgg aaaacaggtg gcaaaggcat ttctactttt 300
 aattatacac tggtaaattcc ccccttaatc caaaacattt tacttncaca t 351

<210> 895
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49291

<220>

<221> unsure
 <222> (1)..(271)
 <223> n = a or c or g or t

<400> 895
 tgagaataat cagggagctt tattatacaa aatggcgggg tggggggcgg caanagcggg 60
 ggacgagcat caagcatcct gcatggccgt tatcagccct tgacctgcag tttccccttg 120
 gatctggggg ggtgaccacc ctctctgcac aggctgttct caacctccta acttcctaga 180
 aggcacttgg cctctccagg gggtaagtcc ctttggccaa tgatcaggag tttctttcct 240
 cccccaagta acaagaagcg gttggnngttg g 271

<210> 896
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49602

<220>
 <221> unsure
 <222> (1)..(423)
 <223> n = a or c or g or t

<400> 896
 tgaatattca agaaagggtga agtttaattt gcatatagggc ataacctaca cctcacttgg 60
 caagtgttag gccacagcac aaacccctct gtccaatcac aaatgtccac aaatttgcaa 120
 agtaactgga cacgaacgat atgcttctca aactcacaca catattcgtc catcacacac 180
 aactcaaat gataaagaan tacattgaaa tcctctacaa aagagatctg aggacagtan 240
 tcagatgacc tcatgtgcgg acagcctntt gcagtttaca gtctaatacca tttggtcctc 300
 acantagccc tgtgaggata agcagcacag ggattactnt tcacaccggt ttgcaggatg 360
 agggaaactg aggcctcagg gatgtgtaaa caccagccta aggttttcca gttgggagac 420
 tgg 423

<210> 897
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T50387

<220>
 <221> unsure
 <222> (1)..(413)
 <223> n = a or c or g or t

<400> 897
 ttttttttgg tagaaatggg gggctctcact atgtgggtcca ggatgggtctc aaactcctgg 60
 gctcaagcaa tcctcctgcc ttagccttcc aaagtgtctg gattatagga ataagccacc 120
 gcacctggca ttcctggcct ctcttatttt atttaccttc caggagggtg tagacataac 180
 tgattaataa aatctgaaag antttatctg gcttagcaac tttctcctct tgcgggcagg 240
 aactatccaa aagagtacat actcaatcca ccagtgaaga tggacagggt atcttcatgt 300
 aggcaggcca aacatttccc atctcattct attaactttt tttttttttt tttttgagcc 360
 agagtctcac tctgtcgccc tgggctggga gtgcagtggg ngcgatctcg gat 413

<210> 898
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. T53404

<400> 898

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ctgtagcaat gaaaattttt aatttgaata aaaatcacgt aagcatgagg ttgttgggga 60
acacggaaag gaagggtctca gattaggggg tgtagcacat ttatcaggag gtaagatctc 120
catagtctcc taccctctct ggcttggcct ttactgtgg tatccagcct ctgggaagac 180
cttgtatgga cagtatctcc actggggcta tcactagggt accaggtagg ggacagagta 240
gagcagccaa tgaccttaac tcaaaatctt ttctctccct tcaacctgtg aaaaaagatg 300
actgggcaca tactcagatg tcccttgggc atagcaccat cttgttggcc agtcacaaac 360
accagctctt agttaagagg gcctgggttt aaactcgtgc cgat 404
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<210> 899

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T53590

<220>

<221> unsure

<222> (1)..(309)

<223> n = a or c or g or t

<400> 899

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ttnggtatgt ggttcagctn tttattntct ccatgggggtg ggtgaagagg agtggcccag 60
ctgagctgag gaaggtgacc actgagaacc cattcaacct gctgagcagc ttgggcagaa 120
aggagcagga cttgggacag acgactgaag atgcagagac cccatgggcc ccaccctgg 180
gccttcctcc catntggctg caggcatcct ntntnatcan tgctgggttg cttcctgggt 240
aaagggccan aaggtnaagg agatgggntt ttcangcatc agaattgaggt tnaatttggt 300
gcccacatc 309
```

<210> 900

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T54613

<220>

<221> unsure

<222> (1)..(457)

<223> n = a or c or g or t

<400> 900

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gggctccaga ccgcatttat tcacctccaa agaggggtgc agaccaaggg caccaccggg 60
ctccctccgc tggcaggggt gcattgccgg agccgtgggc acattagaag gtccgggagc 120
gcagccaagg ggnctgtgtg agcggccgtg gacagagtgc agcgggcaag tcactgagcc 180
tcagtttctc catctagaaa accgctgcgg ctgtgcggac tgcattggcac gcagtgggct 240
ctcaggcgtg attgctcatc cctctggcct ggccggaggga ggcctagagt cctgaccttc 300
accngacccc gccaacgtgg catcttgctt accngccttc gggaggcaga aagggggcag 360
cgaattagca agccgaagca ttgnacaatt nggcccttna gggggccttg ggcttnccgc 420
tttaaccnng cgaacccccc agtttggccg acgaana 457
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<210> 901

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T54617

<220>
 <221> unsure
 <222> (1)..(453)
 <223> n = a or c or g or t

<400> 901
 tttgagactt tgnctgtctc tgtcgccagg ctggagtgca gtgggtgaca gggtgagact 60
 ctgtctaaaa aaaacaaaat aaaacatgat gtttaataag tgctttcttg atataatctc 120
 actgtaggaa tgccatgttt cgctgggtgca cacactatca cagcacagtg attaccaagg 180
 aaatggagat ccagaattac tttattgtta tgatcctgta atcaaaaataa agtaaaaact 240
 ggggcttcag gccttgccctg gggacctgta ttttactaa aagctgctac tggcatagac 300
 aatgatcagt catcacactc tatgttaaca aacacagcac acacagcttg ctgtntttct 360
 tgaggccgcc cccagcaggg cccaggggcc aaggcttggtg ctggttacca agggcaggag 420
 ggacggatgg cttgctngac canagggtnt tga 453

<210> 902
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T56281

<220>
 <221> unsure
 <222> (1)..(470)
 <223> n = a or c or g or t

<400> 902
 caggtnatn ttntttaatt atcactcaca tatttcacag gaaaaggant ntagcaaattg 60
 ggtcaagggtg gtntaaaaaa aaaatccagg tttntacatg tctctctgtt tacatctggg 120
 agaaagggttn tcctggcctc agtcgcagca gctgcacttc tctgacgccc ctttgcaaac 180
 acagccctgg gcacacttgc tacagcccac ggggaggcag gagcagcagc tnttnttgca 240
 ggagggtgca tttgcnctct ttgcacttgc aggggaaccag cgcagggtgc agggagacac 300
 cagcgggccc agggagcagt tgggggggcc cattgcaagc ccgaggggaga gactgggact 360
 tttcccaagg agagaagcga aggaagccag tggggggcag ctctgtgccg anttccttca 420
 gccccggggg gntcccccta gttctaggag cggnccccac cgggtgggat 470

<210> 903
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62857

<220>
 <221> unsure
 <222> (1)..(439)
 <223> n = a or c or g or t

<400> 903
 caatctnaaa aaaatatttt cattatgttt attataaaaa tataaatggt tccactacaa 60
 atcattttac attagtaaga ggccatctac attgtacaac ataaactgag taatattttg 120
 aaaagacaag tttaaagtaa acacatattg ccaatcatat cacatttata catggcttga 180
 ttgatattta gcacagcata aactgagtga gttaccagaa ataaataata tatgtaaatc 240
 aaatttaaga taaaaaacag ntcatatggg tacataacat catgtaggga gttgtggcct 300
 ttatgtttac tgaaagtcaa tgcagttccc tgtaccaaag ggatggccgt aggcattcta 360
 ggtaccctct nctccctggg ttagggaatc cgtacactta tggtttacca tatggtccgg 420
 gggtagggan ttgtggtaa 439

<210> 904
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62873

<220>
 <221> unsure
 <222> (1)..(450)
 <223> n = a or c or g or t

<400> 904
 ttttttnacga gacagagctc agttctgtcg cccagactgg aatgcagtgg tatgatcttg 60
 gctcactgca gcctcgactt ctcggtgtaca agcaattctc ccacctcagc ccctggngta 120
 gctgggacta caggagtata ccaccatgcc caactcggtt ttatatattt atagaaatgg 180
 tntctcacca tattaccag gctgggtctca aactcctggg ctcaagcgat ccatctgcct 240
 gccttggtct cccaaagtgc tgggnttaca ggtgtgatcc tctgagtctg gccaattttt 300
 atttaaagat atttttttaa ttggactgga cgcggtggct catgcctggg aattaatccc 360
 agcaactttg gggaggccaa ggcgggatgg ctttagacca gcctggggta acatgggcaa 420
 gaccccntct ctaaaaaacc aaaanaaggg 450

<210> 905
 <211> 237
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62918

<220>
 <221> unsure
 <222> (1)..(237)
 <223> n = a or c or g or t

<400> 905
 tttttttaag aatcttcttg gcctctttat taagagccct ctgccttncc aggggagggg 60
 agcaaatect tcagggtccc cagagttcct gcaccccata tcatgggtga gnctaccagc 120
 cacagagcca cccgtcaccg tggagaggct taagntgcac tcagagctcc ccccgggcat 180
 gccgaatgta gtgttgatgc agccctgctt cctgagcaaa gtcctgaccg cactctg 237

<210> 906
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T64211

<220>
 <221> unsure
 <222> (1)..(301)
 <223> n = a or c or g or t

<400> 906
 ttttttnntt tgtggatttt cctttttaatg caaaatggtg caatacaaaa caatgtggag 60
 aaagcctggt cctcaggcac tgaaggagg agtgaggag agaggacaga gctggacgtc 120
 tctctctatt tctcctccc caagtctctc tgagggggag aacactgctg cctgctccct 180
 gggcctgccg catacaaggt tagagccctg ggtctggggc atccttagcc tgaaatttgt 240
 tgacatgggg caggagagca ggagggaaca ttgagggttt tgactcttcg ggctctaaaa 300
 g 301

<210> 907
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T64223

<220>
 <221> unsure
 <222> (1)..(290)
 <223> n = a or c or g or t

<400> 907
 gaatttnana gcattaagtg catttttattt tattgtatta gcacataaat tgatgaagcc 60
 acatgggtgaa aatctgtgag aaactgaagg ttttcatttg ttttctgtgc cccactgtat 120
 atcacctttc aaaataatgc tttctgctgg gtccaaactt cacttggagc aaagaaaggt 180
 agttaaaagg tttcacttaa agctacttcg ttatgggtgc tactgaaagt aaggtaaaag 240
 caaacagcag taacatgggg actttaantg aggcaagaga agggattcag 290

<210> 908
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T65802

<220>
 <221> unsure
 <222> (1)..(257)
 <223> n = a or c or g or t

<400> 908
 gtcaaanggt gacaatttta atgactttat caagccttag gacagagatg agagaaacac 60
 ctttccaatg atgcatcaag ttaacgtcta agcaaaagat cagcagagat cagagattgt 120
 tgggtacaca cgtatcttgt gatgtcttct gagaaccaac ttattcctct ttctctgaga 180
 agaacttgac ccctcgcccc ggggctgagt gcttggcagc cacatttgtg ttgagatctt 240
 gattcctgct ctaacta 257

<210> 909
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T67053

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

<400> 909
 ttctggttgt caatgaggat atttattggg gtttcatgag tgcagggaga agggctggat 60
 gacttgggat ggggagagag acccctcccc tgggatccct gcagctccag ggtncctgtg 120
 gtnggggttag agttgggaac ctatgaacat tctntagggg ccactntctt ctccacgggtg 180
 ctcccttcat gcgtgacctg gcanctntag cttctgtggg acttccactg ctccggcgctc 240
 aggctcaggt agctgctggc cgcgtacttn ttgttgctct gtttggaggg tttgggtggtc 300
 tccactcccn ccttnacggg gctgccatct gccttccagg gcactntcac agctcccggg 360
 tagaagtcac tgatcagaca cactagtgtg gccttggttg cttggagctc ctccagaggan 420

ggcgggaaca gagttacagt gggga

445

<210> 910

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T67105

<220>

<221> unsure

<222> (1)..(444)

<223> n = a or c or g or t

<400> 910

ttancaaaca	tttattgatt	gcacaatgaa	acaatctctc	ctttcagata	tatacatcag	60
tttactaaaa	gagtagatac	aaagggtcagg	aagtaattac	aatgcaatgt	gataagttta	120
ataatatagg	tttgacagca	tacagnnggag	ggggtgattg	ggtttnaggt	gatgggtggga	180
tattggccag	gtaatatattc	atggaccaag	tgatgacaac	atagggtttc	acagatggat	240
aagagtcttc	caagtnntacc	aggggggaaat	atacatgtgt	gggtgccaaa	acagagtatg	300
gcatttcctg	anagtcagan	nttnatacaa	gagtataaag	tncaagagaa	tgggataagt	360
agctagggag	gtaaggccag	acaggntagg	cnagtcctag	gggcctttca	ggccatgggn	420
agganaacgt	ggggcttcac	ccta				444

<210> 911

<211> 244

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68873

<220>

<221> unsure

<222> (1)..(244)

<223> n = a or c or g or t

<400> 911

nttttttttt	ttttcaagtc	aaaactgttt	tattgtcngt	ttacatatatt	aatagaaaaa	60
ggaatgtagc	aaatgctcag	ggttgatatga	aaaaaaaaatc	caggtttggtg	caggttgctc	120
tgttttacatc	tgggagcagg	gctgtcccca	catcaggcac	agcagctgca	cttctccgac	180
gcccctttgc	agacgcagcc	ctgggacact	tggcacagcc	atggnagacc	aggagcagca	240
gctc						244

<210> 912

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T73433

<220>

<221> unsure

<222> (1)..(346)

<223> n = a or c or g or t

<400> 912

gggagaaata	accagctatt	gttccgcatt	caaacagaaa	ttcagggtgct	tgcattctttc	60
acgtattgtt	caaaaatcac	aagcatctgt	ggaaaaaaac	taagggtatta	cagacactac	120
acggagggtca	tggtcttaca	ttcaagacac	taaatacaaa	ccgangcant	gcaaaattgt	180

atactttaat tttaaaaccc antttttgtt ctcaacttga aaagggnaac acttttttgt 240
 ttcacaaaca agctgggtcg gggtgggant tctttttggg aacagtaggt cccgcgctaa 300
 aactgggtt cttgcctccc caccocentt ctctaaaatn aacca 346

<210> 913
 <211> 475
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T78398

<220>
 <221> unsure
 <222> (1)..(475)
 <223> n = a or c or g or t

<400> 913
 agtattgggt gtagttttat ctgtcctttt ttatttcctt taatttataa aaaaaaaacc 60
 tttaaactag gcaaaattac ttccctttta acaaaaacca cattttcatg ccttctgata 120
 actttttctta aacaaaaaac atgtcctact tcccttatac actttcgatg gagaattttt 180
 tctcttgtat ttagtaattt caattatata catttattac aatgttaact tttaggtaac 240
 tcttattttt aggtgaaaaa ccttgggagg gtaggccgtt ttaattatgg taccaggatg 300
 gcaaagggtcc aggaacaagg ggaccaagcg ggggaggctg ggcctagggt cataggcctt 360
 aaaaacttta aatcttaagg gataaagggg nggggggnac ggtggggcct cacggnctgg 420
 ttaatcccg tgggttgggg gaggggagcg tgggggtggg gntcacnggg ggtca 475

<210> 914
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79768

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

<400> 914
 ttttaagaca actacaaact ttcaatattg gaggtagctg cagagatcat ggtaactgac 60
 tttttcacag atgaggaatt taaggcccag aggaaggtaa tatcagaatt agtgacctcc 120
 gcaccagca cacacacagg acaggggaaa ggggtgggaga gatgcagca ctgggaccct 180
 gggatagatt caagataccc ttgctggggg aggggtggggc tggccgttag ttctaactca 240
 gtcttctcag tgccacctcc agcccctgtg ggtctttatg ggggcccac tctttatcca 300
 tctttccttg ggggtgatggg agggcatgtt cgccagcatt aaggatcttc ccagncacag 360
 gatggcacgg ccccgggcct tctttgatat tattaggtgg gcttctgggg gntttcttcc 420
 ctgcgncct tccacaactc agggc 445

<210> 915
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79868

<220>
 <221> unsure
 <222> (1)..(398)
 <223> n = a or c or g or t

<400> 915
 tgagatggca acactgcttt attaggccgg gcagccagga gcagacacac ggctcctcag 60
 tacacattcc cccacccctg cctcgggtgct cccactcag ggctgggcat ggagggggca 120
 gcgtaggtct ggaagcgctt gtncnngctg gtgcgtgang ntctcaggga catggtnntcc 180
 acggccatct ccagcccggg ctgctggggt atctccactg tgtagtcatt ggccagctgc 240
 agggaggcca gcatggaacg acacacctcg aaggccggct gnagnccacc agntccgcaa 300
 agggacacca ctcatgtgagc tgggggaacc ntgagaccag ntggtnccca taggtttggg 360
 atntcaaagg gcacatnctt gctnctgctc ctgggaca 398

<210> 916
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T82292

<220>
 <221> unsure
 <222> (1)..(272)
 <223> n = a or c or g or t

<400> 916
 ttttttatgt gtaagaagta ctttaatagc tcaaactcag agtcatcgtg ctcccaattc 60
 caaagagatt cctaaaagag gcaacttcgg ccgtttgaga agccagcgct caccacccn 120
 nnnctctgtg cattgacctt tgggtgctga cttggagaaa agcacaaca cgaccagtcc 180
 catnctggct cccgtgggct ntcttctatc tacgcattgt atcgactgca ttagttggac 240
 taagatgatg actcagttaa aggaggagac aa 272

<210> 917
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T85532

<220>
 <221> unsure
 <222> (1)..(408)
 <223> n = a or c or g or t

<400> 917
 atcgcttgag gccacgagtt caagatgagg ttggcaacat agtaagacct catcactaca 60
 attttttttt ttttaaatta gtgaagtgtg gtactgcaca cccgaagtcc cagctacttg 120
 ggaggctgag gcaggaggat tgcttaagcc cagaaatttg aggctgcagt gagccatgat 180
 tgcaccacta tgctccagag tctaggcaac agagtgcagc cttatctctt taaaacaaac 240
 aagaatgaag ttaggtatct gtttatttgt ttgagccatt tgtatttcct tttttgtagg 300
 actgtcctgt ttnaaacgtt aaaatcactg ctgtnggttt tngattttta catctcagct 360
 gggatgggca ccaattaaat tatttnaggc cctgggttat tgnaaaat 408

<210> 918
 <211> 500
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T86121

<220>
 <221> unsure

<222> (1)..(500)

<223> n = a or c or g or t

<400> 918

```
tttaccaggc ccaaactaaa cattcacata ctctctcttt gagaagcaat gtgtgaaaac 60
actaccaccc attaatgtga ggctaatagcc atttcagtgg ctttctggat aatggagtaa 120
cggaaacaga tttgtactga gccagacact ctctattccc cttgggtgcaa accctaaaaa 180
agacatgtat attctggcca gggactgggg cattctctta ggggaagccaa gcagactaca 240
cctgtaacaa tacatacatg ctccaaccac atagggcaac ctaactacag aatgactgg 300
gcagcaaaat actagcttca tgccccacttt gtatctactt ggatctttta tgggctcaac 360
cccggggagt tgacctcttt tagggggagg ccttctaatt ttttcaccaa canctttctn 420
aatacacaca ggnttacanc tttcaacat gctctctgat ggaggtagg tggctctcca 480
aaaacacata ttggtttacc 500
```

<210> 919

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T86148

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

<400> 919

```
atTTTTtatat gaaggTTTTc tggTgaaatc tTTtaagcag ggaggaaaat ccaataaatt 60
TTTTtaaaaaa ggtTTtagcta tTccccaatg ctattttaata caattgaggt taggacgtta 120
agtcttatca gactgtgtac tggagccccg tgtcatcagc aaaagccgtg tgagtcaaca 180
ggtgtgaaga ctcaagatgc gcacacagac gctgtccgtg gttttatggg gaatgatgag 240
ggctggTcag ttctcctcat gacaaaagtc aaaccgactt ccctgtgttg cgtgtgaagc 300
ttgttagtgg acagaggagg aaacgcaggg ttctgccctg gggagnatga cagnccacag 360
cgcttggggT nccgtcaggg ctttcgtgtn cagttagcgt ttcacaaact ngaggaggag 420
tattaaaana gcccaaacc caaagtttct ttttttcaa 459
```

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T87533

<220>

<221> unsure

<222> (1)..(375)

<223> n = a or c or g or t

<400> 920

```
ttggcattat aaaatggttt tattaattat taataactat ttaatgtgta cacagttatc 60
catgaagaaa taggaaatac cagtgaagtg ttaccagcgt tgccccaggc tgggagagcc 120
cttccagctt tcctttggcc tctgacaccc ctgccccact gaccgcccac ccccatctcc 180
tgtctggaag gntcgcctgc catcatcccg cacatccgac agctctccct tcagggtcac 240
ctcctccttg gacaaagcat acgtgacccc ttgtcaggtt tcttggctgg gtgctcccc 300
agagtttggc tcctgcccc aaccaagcat catgggtgac aatgcaccca cttgataact 360
gatcactggg ggtca 375
```

<210> 921

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89160

<220>

<221> unsure

<222> (1)..(357)

<223> n = a or c or g or t

<400> 921

```
atgctgctat gacagaatac ccaagactga gtaatttata aagaaaagta atttatttct 60
acagtgccag ggtctgggaa ggtgctggta tctggtgagg gctttcttgc tgcattcattc 120
catggcagaa agtgagaggg tgagagaggg acaagggagg ggaactgaac tcattccttt 180
atcagtaacc cactcctgca ataactaatc cactcccaca ataacaacat taatctattc 240
atgagggcag agctntcatg acctagtcac ttcttaaagg ttctacctta actccattgc 300
tttgggggat taaatttcaa catattaaac ccttggggagg gacacattcc aaaccac 357
```

<210> 922

<211> 210

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89243

<400> 922

```
gcaccctga aatcaattcc atatcatggt tgaatgccat acattttgca catgtactgt 60
acataagtaa tgcatactgt atttttatat gtgtgcacat ttatcatcag atcttttgta 120
catagtggca gtattgtagc tgatcgggaa atgtttgata tctcagcaat tttgcatttt 180
tgtgtctcaa ataaaagaca ttttgatgta 210
```

<210> 923

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89703

<220>

<221> unsure

<222> (1)..(494)

<223> n = a or c or g or t

<400> 923

```
gtagaaaaca aaaatggaac atttattngc aactcaaata ctacgcatat acagtaagaa 60
nttaaataata aacacagcaa gttccacccc agtcctatatt gtccaaggct gcatgggtcaa 120
atggaatctt gaagagaaca cctgggncaac agagcanctn tcagcgacgt ctccgggtctg 180
gacttctgct gcgtcttcgg ccacctctcc ncttgccctt tggtggaccc cgaacaaaac 240
accagtcaac ggtgatgggc tgtcccatca aatcctgggc cattgagtcc ctccatagca 300
gcctgggggt tccttgatg tttcatattc agctaggagt ataccctgt cagatatacct 360
gttcgcctgt cgagggtgag gatgaatgtt tttaatttcc ccatattctg cggaatttgt 420
cgtgtatgtn ttctgcggna ggcttcctca tggacttcca gttacaaaga gantccagnc 480
ttcagcagag cggtt 494
```

<210> 924

<211> 255

<212> DNA

<213> Homo sapiens

<220>

tccttaaaat	aacctgcac	tcccctgtcc	tgggtgtggga	gtaagctgac	agtttctctg	3660
caggtcctgt	caacttttagc	atgctatgtc	tttaccattt	tctctcttcc	agtttttttg	3720
tttgtcttat	gcttctatgg	ataatgctat	ataatcatta	tctttttatc	tttctgttat	3780
tattgtttta	aaggagagca	tcctaagtta	ataggaacca	aaaaataatg	atgggcagaa	3840
gggggggaat	agccacaggg	gacaaacctt	aaggcattat	aagtgcacct	atttctgctt	3900
ttctgagcta	agaatgggtgc	tgatggtaaa	gtttgagact	tttgccacac	acaaatttgt	3960
gaaaattaaa	cgagatgtgg	aaggagaacc	tcagtgattt	tattccctag	tgaggcctct	4020
gagggcctcc	acactgcctg	gcagaacata	ccactgaact	agtatgtgct	agaggagggc	4080
acaaacatcc	gctccttccc	taggcctgct	ggctctgggt	ttctatgcag	atgattcat	4140
ggattggggg	tgagtgtttt	gtttttctgg	gggcagtgtg	agctttgagg	gttggaatat	4200
tgggaggcat	tccttagttt	cctcaactag	cctggaaagt	taggagtcta	gggtaattac	4260
cccccaatga	gtctagccta	ctattcactg	ctttgtgtgc	atttttttct	ccctctttaa	4320
aaaacctttt	aaaagaaaaa	aaaaagtaga	tagtgctaaa	tatttagctc	atgaaacttg	4380
gttaggatgg	ctgggggtac	aagtcctcaa	actacctctt	gttacagtag	ccaggagtg	4440
gaatttcgtc	aaccgggtact	tttaagggtta	ggatgggacg	ggaaaagtga	agcaggatat	4500
tagctcctta	taccttctcc	cttccatttc	tgagatctca	cattccatct	atcacagggt	4560
tttcaaagag	atgctgaggg	taacaaggaa	ctcacttggc	agtcagagca	tcattgcttg	4620
aggtttgggg	tgctcaggct	gggagggtag	aatgccattc	cagaggacaa	gccacaaaaa	4680
tgcttaatt	tgagctcgta	tttaccctg	ctgataagt	acttgagagt	tcccggtttt	4740
ttcctcttgt	ccttccctcc	cttctgtcct	tccatgtgtg	gggaaagggt	gttttttggt	4800
gagcttggtt	tccaaagcgc	ctggctttct	cacttcacat	tctcaagtgg	cagtttcatt	4860
atttagaatg	caaggtggac	atcttttgga	tatcttttct	tatatatttc	taaagcttta	4920
catatgagag	ggtataggga	ggtgtttata	aaacacttga	gaactttttt	ccttaatatc	4980
agaaagcaaa	aaaataaaaac	cacaattgag	atttgctttt	caaacctca	ggtttgcttc	5040
taaccagggtg	tccctgggtca	ccatcagagt	actggaatac	gggaaccgag	gaggaccttg	5100
gtccttttgt	ttttgttctg	gactcttggg	agtggaaatg	ggatgagttt	atccactgga	5160
gcttaagtcc	catgcatttg	ctccagaaag				5190

<210> 982

<211> 3496

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U69263

<400> 982

cgaactctga	aaaggcgggg	cagcgggcct	gcagctcctg	gagttcaggg	agacccggaa	60
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tgaaaatgga	aaagatgctc	gcaggctgct	ttctgctgat	cctcggacag	atcgtcctcc	180
tccctgccga	ggccaggagg	cggtcacgtg	ggaggcccat	ctctaggggc	agacacgctc	240
ggacccaccc	gcagacggcc	cttctggaga	gttctctgtg	gaacaagcgg	gcagacctgg	300
ttttcatcat	tgacagctct	cgcagtgtca	acacccatga	ctatgcaaag	gtcaaggagt	360
tcacgtgga	catcttgcaa	ttcttgga	ttggctcctga	tgctacccga	gtgggcctgc	420
tccaatatgg	cagcactgtc	aagaatgagt	tctccctcaa	gaccttcaag	aggaagtccg	480
agggtggagcg	tgctgtcaag	aggatgcggc	atctgtccac	gggcaccatg	accgggctgg	540
ccatccagta	tgccctgaac	atcgcattct	cagaagcaga	gggggcccgg	cccctgaggg	600
agaatgtgcc	acgggtcata	atgatcgtga	cggatgggag	acctcaggac	tccgtggccg	660
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tagacttcaa	caccttgaag	tccattggga	gtgagcccca	tgaggaccat	gtcttccttg	780
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cccacatgtg	cagcaccctg	gagcataact	gtgcccactt	ctgcatcaac	atccctggct	900
catacgtctg	caggtgcaaa	caaggctaca	ttctcaactc	ggatcagacg	acttgcaaaa	960
tccaggatct	gtgtgccatg	gaggaccaca	actgtgagca	gctctgtgtg	aatgtgccgg	1020
gctccttcgt	ctgccagtgc	tacagtggct	acgccctggc	tgaggatggg	aagaggtgtg	1080
tggctgtgga	ctactgtgcc	tcagaaaacc	acggatgtga	acatgagtgt	gtaaatgctg	1140
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gcacaaagat	agactactgt	gcctcatcta	atcacggatg	tcagcacgag	tgtgttaaca	1260
cagatgattc	ctattcctgc	cactgcctga	aaggctttac	cctgaatcca	gataagaaaa	1320
cctgcagaag	gatcaactac	tgtgcactga	acaaaccggg	ctgtgagcat	gagtgcgtca	1380
acatggagga	gagctactac	tgccgctgcc	accgtggcta	cactctggac	cccaatggca	1440
aaacctgcag	ccgagtggac	cactgtgcac	agcaggacca	tggctgtgag	cagctgtgtc	1500

<223> Genbank Accession No. T90038

<220>

<221> unsure

<222> (1)..(255)

<223> n = a or c or g or t

<400> 924

```
tttttacatt attaacaaat ttattgaaca actagaactt gacaagcact tgcccagtag 60
aggggataca gtggtgagca ataatagtga tgataatgag gagcagtttt ccctagcagg 120
cagcagttga aaggantatg ggtttaacat ccaccantga ccaggngtgg acagntcctt 180
ttccaggngg actgagtcca tagtgggntt aaaaacatcc ctgtaattct tctagcttcc 240
ttcatccaan ttacc 255
```

<210> 925

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90190

<220>

<221> unsure

<222> (1)..(391)

<223> n = a or c or g or t

<400> 925

```
tantnntcca gctcttttat tgagatcagt ggtggctctg aaaagcgtnt ttnggggtttt 60
agaagtaggc gttcgctaata ttcttcttgg gcgccgcttc ttaggcttga caaccttggg 120
cttagcggcc ttggnttcac agccttagca gcaacttttg cagctttctt gggcttcgca 180
accttggcct tctttgggct cttagcactt tcttggttac agtggccgcg gcggctntct 240
tcgctttctt cgnggttttc ttagcgtctt tcttcggagt tgcgccgcca gccgcccttc 300
ttgggcttct tggctncccc aactggcttc ttaggttttg gtccgccgca cttttnaacc 360
ntgggggcttg gncttccccg gagcttgctt t 391
```

<210> 926

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90619

<220>

<221> unsure

<222> (1)..(483)

<223> n = a or c or g or t

<400> 926

```
gannntnntg ggctcggcgt ggtggtgaag ctgtagcctc gctcagtga gatctncatg 60
aggtagtcgg tcaggtcccg gccagccagg nccagacgca ggatggcgtg ggggagggcg 120
tcggtacgaa tgggcaccgt gtgggtgacc ccgtctccag agtccatgac aatgccagtg 180
gtgccccag aggtangagg gacagcacgg cctggatggc acgtacatgg ccgggggtgtt 240
gaaggtctca aacataatct gagtcattct ctctctgttg gccttggggt tcaggggggc 300
ctcggtcagc agcactgggt cttcctccgg ggccacgcgc anttcgtttg tagaaggtgt 360
nggtgccaga tctttctcca tgtccgtccc agtttggtga cgatgccatg cttcaatggg 420
gtantttcag ggtcaggatg ccangtttgc tcttgggcct tcgttcgcca cgtagggaat 480
tct 483
```

<210> 927

<211> 233

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T90889

<220>
<221> unsure
<222> (1)..(224)
<223> n = a or c or g or t

<400> 927
natgaacagt atataatcta atctcttttaa ttttatgtac atgaatataa tgtatgtcaa 60
ctttgtacat gagatacata tagtatttaa acattttact caacaaacaa gaatttataa 120
tagcaatata actgactaga gggctatcaa cttaataata cttagattag atctgtactt 180
taataggaaa agaatttaaat agtttacaat catagaaaca ctgacattta aaa 233

<210> 928
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T94447

<220>
<221> unsure
<222> (1)..(305)
<223> n = a or c or g or t

<400> 928
ttaattatng atattccccc tcaccgccct caggganogg gagaagtcac acgaccatag 60
ggagcttgga cttggtgggc gtcacgggtgc tggcagacga gggctcttcc aggaaccctt 120
tgctagaatc agccctcata caagtgtgct cagagatccc aggagcgatg gcacccctccc 180
gaagtcacta ccccatatg tctccttggg cttcttcccc ctctctttct ggaacctgac 240
caggcagaac gcagcaactg ncagcaacag cacgcccagg gagcacccca atcagagntc 300
cggcc 305

<210> 929
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T95005

<400> 929
ctttattgaa aacattgagt gcagaaataa accctgctca tgaatgggaa aattcaattt 60
tacacaggtg ctgattttat ccagactgat ctatagattc agctgggttc cattctacat 120
ctcaaggggt ttttgggggg aatttgacaa gctgattctc aaggttacat ggaagagcaa 180
gggccgagac tagagtttag gagatgattc ccaaaggcac aggggcagaa aaatgaccag 240
tggaaccaca tagaaaaatc aattattgta ttttcaatgg atcactaggc agcagggaaa 300
ag 302

<210> 930
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T96171

<220>
 <221> unsure
 <222> (1) .. (352)
 <223> n = a or c or g or t

<400> 930
 tgccatgttg gcaggctagt ctggaactcc tagcctcaag tgatccacct accttggctt 60
 cccaaagtcc tgggattata ggcattgagca ctgtgcccag cccatagatg gcttttatta 120
 ccttaaggta tgtcatgagt aaccttttaa ttctccataa aattaattat tgtgtttttt 180
 gtttgcttgg ttttctatga ccctatcata aattcaactc caaactctgc accaattttt 240
 tttaaacttt actcaagaat ttagggccac ataaacattc caacaaattt gtcttcgtag 300
 ggnaaatctt ttccagagtt ttncccact atggcctaata gcgcagnggt ca 352

<210> 931
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T97243

<220>
 <221> unsure
 <222> (1) .. (358)
 <223> n = a or c or g or t

<400> 931
 nngttatnaa gttaaattctc tttaatatcc caatacaaag tactgatgca aaaagacaat 60
 gagaaaaccc aggaagttgg ggggtggggg gtgggggagag gttttataaa taaaaaaccc 120
 cgagcagctt ttcagaggca gaggagctaa gagaagcagc agtccaaagt gaggaaggga 180
 gtgtgtggct cctgggacct gccccttgct ccctcactca cagctgctcg taaacacccc 240
 tttcaaaaagg ggctgcaccc tttggatata tgcttctttc tcttggtccc tggggacggc 300
 aactagctct ggcttcaatc ccctacaaaa attcctgaga tcttcggggg accccagc 358

<210> 932
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T98019

<220>
 <221> unsure
 <222> (1) .. (348)
 <223> n = a or c or g or t

<400> 932
 ataaaatagg gctggccana gagcactcac cgtctccctt ttgagttttt cccgcttgng 60
 tccaattcca cgagcagccg agctcgctcc aagtcattgcc ggagccgctg ccaggacttg 120
 agctgttctt taagggccca gttcttatcc tcagaatctc tctgtagagg caaacgaag 180
 atcagaggat gattagaaag ccagaggaaa ggtcaacagg gagaagagag cccagggaaa 240
 ctcagggtcaa gccaaaagag ggagcacagt aattttattg gtagttgcct caatctgtgt 300
 tttccccaag gccttgggaa gaattaaatt cttttggtat tgtntttt 348

<210> 933
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T98288

<220>
 <221> unsure
 <222> (1)..(307)
 <223> n = a or c or g or t

<400> 933
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 tgctgtccca acctgctgga ctcaagtgat cctctctctt cagcctcctg agtagctgag 120
 gctactggca tgcacccacc ctgataggng ttttttattt tttagggatg gggctcttgct 180
 atattgcaca ggccagtctt gaaccctggg gctcaggcaa tccctccacc tcagcctcct 240
 gagnaattgg ggactacagg tgtgaaccac ggatgcctgc ctaatttttt tttttttttt 300
 gagacag 307

<210> 934
 <211> 160
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T99373

<400> 934
 aagaaattat gcttgtcttt ctatggcagg aagtagaagt gggtcaaaaag ggaccggggcc 60
 agtcatcaac aaggaggcac tcaggcctga cgtgcctgac agatcgaggc tttctctagt 120
 actgtacagc tgctttaagg cacagcatgt ttatcaatat 160

<210> 935
 <211> 3632
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. U00672

<400> 935
 aaagagctgg aggcgcgcag gccggctccg ctccggcccc ggacgatgcg gcgcgcccag 60
 gatgctgccg tgcctcgtag tgctgctggc ggcgctcctc agcctccgtc ttggctcaga 120
 cgctcatggg acagagctgc ccagccctcc gtctgtgtgg tttgaagcag aatttttcca 180
 ccacatcctc cactggacac ccaccccaaa tcagtctgaa agtacctgct atgaagtggc 240
 gctcctgagg tatggaatag agtcctggaa ctccatctcc aactgtagcc agaccctgtc 300
 ctatgacctt accgcagtga ccttggacct gtaccacagc aatggctacc gggccagagt 360
 gcgggctgtg gacggcagcc ggcactccaa ctggaccgtc accaacaccc gcttctctgt 420
 ggatgaagtg actctgacag ttggcagtggt gaacctagag atccacaatg gcttcatact 480
 cggaagatt cagctaccca ggcccaagat ggcccccgcg aatgacacat atgaaagcat 540
 cttcagtcac ttccgagagt atgagattgc cattcgcaag gtgccgggaa acttcacgtt 600
 cacacacaag aaagtaaaac atgaaaactt cagcctccta acctctggag aagtgggaga 660
 gttctgtgtc caggtgaaac catctgtcgc tttccgaagt aacaagggga tgtgggtctaa 720
 agaggagtgc atctccctca ccaggcagta tttcaccgtg accaacgtca tcatcttctt 780
 tgcctttgtc ctgctgctct ccggagccct cgctactgct ctggccctcc agctgtatgt 840
 gcggcgccga aagaagctac ccagtgtcct gctcttcaag aagcccagcc ctttcactct 900
 catcagccag cgtccctccc cagagaccca agacaccatc caccgccttg atgaggaggc 960
 ctttttgaag gtgtccccag agctgaagaa cttggacctg cacggcagca cagacagtgg 1020
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 tcccccccag gctgacagaa cgctgggaaa cggggagccc cctgtgctgg gggacagctg 1140
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<400> 963

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<213> Homo sapiens

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<223> Genbank Accession No. U55209

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U57316

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<213> Homo sapiens

<220>

<223> Genbank Accession No. U57623

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<210> 990
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. U96094

<400> 990

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<210> 991

<211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. V00563

<400> 991
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 ctaaccgtgc aacgggtgag atgtgactca taatagata 159

<210> 992
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. V00594

<400> 992
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<210> 993
 <211> 3565
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. V01512

<400> 993
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<210> 994

<211> 448

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W02204

<220>

<221> unsure

<222> (1)..(448)

<223> n = a or c or g or t

<400> 994

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taccatcata atctgcagtc acccgagctc attttgctct gaagccagtg atattaagct 300
gttctatttc taacgtgtcc cttaacttga ttctaagtaa aagcagcaag cagtgggtat 360
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<210> 995

<211> 378

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W20486

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 995
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tgcgtcctcc ttggagaagc tccgcacagg cagttgaagc agcagcagca agtcgcccag 300
gaacttgggg ggcaccacgt cgatgaccag cttgcgcacg cggccccggc ttgctgtgca 360
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<210> 996
<211> 687
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W28214

<220>
<221> unsure
<222> (1)..(687)
<223> n = a or c or g or t

<400> 996
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cacttcctac aggatgggat ctaagagact caagagctgg gtttctttca gnactctgta 360
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gaattcagct tgggacttaa ccaggctgac tngntagggg ggnnnnnncan nnnnnnnntn 480
gntcaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
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nnnnnnnnnn nnnnnnnnnn nnnnnnnn 687

<210> 997
<211> 870
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W28548

<220>
<221> unsure
<222> (1)..(870)
<223> n = a or c or g or t

<400> 997
tctcacacat tcacgcatcc agtcatccac tcagaggcca accagtcaca cattcactca 60

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ctgagttcct ggtgcagaaa ataagattct cagtttttga ccttggattg agaaggacct 180
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ttgcaaaggg gggnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
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nnnnnnnnnn nnnnnnnnnn nnnnnnnccc                                     870
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<210> 998
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W31470

<220>
<221> unsure
<222> (1)..(296)
<223> n = a or c or g or t

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```

<210> 999
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W33172

<220>
<221> unsure
<222> (1)..(353)
<223> n = a or c or g or t

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<400> 999
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agtattcagc tgtgtcctct tgaacccata tctatcaggt caacagcttt agccattcc 180
acatgatatt ggctgtgggt ttgtcatata tagctcttat tattttgaga aaccgttcta 240
tcaataccta gtttattgag agtttttaag catgaaaggg ccttttgaaa tttttggctc 300
nacgggcctt ttcctggcaa tcctatttga gnataaatcc aagccggggt ttt 353
```

<210> 1000
<211> 437
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W33179

<400> 1000

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gaggggtaca gctttgccac tcaaataatac cttattgtgg gcattcaggg agccagggtc 420
cagagctgca gggctgc 437
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<210> 1001

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W37384

<220>

<221> unsure

<222> (1) .. (506)

<223> n = a or c or g or t

<400> 1001

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<210> 1002

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W37778

<220>

<221> unsure

<222> (1) .. (383)

<223> n = a or c or g or t

<400> 1002

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tctcctgtct tataaactag gga 383
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<210> 1003

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42483

<400> 1003

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<210> 1004

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42778

<400> 1004

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gttctgcttc tactttacac aaa 383
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<210> 1005

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44558

<220>

<221> unsure

<222> (1)..(377)

<223> n = a or c or g or t

<400> 1005

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gggcaggacc aggggtccata aagcttgccc ttcccccaac ccttccttcc ctcaaagtgg 180
caagggttaga aaaaaattaa ctatgttggt cctccctggc actggataaa ggccccactg 240
cagccaagga gaaagagggg ggtccagggt cccctcccan ggcagagaag ctgctggctn 300
ggctacnggg gaggggtggg gtggaggtag gttatgggac agagaggaca agaagtggcc 360
tgaacacctt ttccctt 377
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<210> 1006

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44760

<400> 1006

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ttttttctgg taacagcatg tttaatttat tattattgca aaagaacagt ttttctcatg 60
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attagtgaag tagaaaaactc acaatatatact taagagtctg cccccaacc attacaaagg 120
 gggtgagaga agagagaagc agaaacccaaa agagaaacag aagtaataat cagttatcac 180
 atgattttta tagtaaacaa tagaatatga tgtgcaatag tgcaattttc ctttgctagt 240
 ccagcaatgc aagtaagtct taataggaag tccactgtgt tactttttgt atttcgggat 300
 ttagttgcgt gcttgccggg gggtcgagtt cctgccagac ttctgactct gagtgggaatc 360
 actattgcta gaatcacttt tactgagtcc aagatgacga agcttcatat cccagcgctt 420
 aactttttta ccgagtcgat ccttccactt ctcagctata ggccttcca ccaaga 476

<210> 1007

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45531

<400> 1007

tttttttttt tttgaaattt gataaatggt tattgacttg ctgattcaaa aaaacagtgt 60
 agctgagaag tctgatcagc tcagaaaaga gtggaatttg gcaacaaata tggtatccaa 120
 caaaatctga gtaatttatc accttttaac atcttcaaca tatttataat ataaatattt 180
 tttaaaaaac cgattattaa actaatactc ccttggaaga acaagaggac taattttcgg 240
 tgacgacaga cttgtgctga tccatcatct ggaactccta aagacctgaa tggctgactg 300
 ggattagtga ctactatctg gttttactgg ttttactcta ctaagcccat gattttgtgg 360
 ttttaaccaa ttaagaaaat tatccccaag cacaataaaa at 402

<210> 1008

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45664

<220>

<221> unsure

<222> (1) .. (534)

<223> n = a or c or g or t

<400> 1008

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 gaattacagc ttatgttaga aggttctctt ctcacgata ccttcatgtt agaagaaaga 180
 ggacagaggc agagctgatg gaatctcata aaataacagc taatgccgtg tgtcaggcac 240
 tatgcttaac aagtatctgt ttaacatgtg taaatgctct ttagctcttg cttttctata 300
 atataaaaaca gtcctgggag tctgttctt ccccttctt tctctcgtgt cctttggact 360
 gtcttttngc agcctctggc ctttctcatt atctactaca gcttgctacc tgactcatca 420
 aaggcacatg ggtgttgcaa gagaggatgg gaacccgggtg gtttatacca ttaaactggc 480
 cattataaca gggagctata aggtggaaaa ataggagncc aggaaataaa gccg 534

<210> 1009

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W46395

<220>

<221> unsure

<222> (1) .. (444)

<223> n = a or c or g or t

<400> 1009

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ctcccatgca cttgcccag gggcctctt tgggacggg atggtttgag gaaacacttt 120
taaagaaaaa aggaagacat tgaaagggtt tagtttcttc cctatctgca tgcctctca 180
tatagaaagc ccagaattag gggctagaac tccaggagag ggtctccccg actcatctct 240
tgctgacggg caccaggatg cagaaatagg gagatgggta gtggggggcca aagatgcccc 300
ctcccaggcc ttcgtgggtc cctcctccgc cccctgcaat ctttggggagg agtcagtgcc 360
tcactccagc agtgagtgcc tactgtatgc aggtagtcag ccaggcaaag agagactaac 420
ggtctcatgg gggaacctct tgan 444

```

<210> 1010

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W49708

<400> 1010

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ttttttcacc gcagagatgt ttttattgaa atgcatgtta tgagtaaac atgaactccc 60
tctggcccag gtgggacttc ttcctcata ggtgggtcag gccagtgagg acagtcttgg 120
tggtggtaag aaggaggcca agtgacagaa ggtctccaag gcataggaga tgggtgtccg 180
tgagtctggg gaaccgagga ttatgaagcc tgctggaagc cttgggtatgg tatgggttct 240
ctcagctgtg gctgcagatt tctcttcatt ggctgcctcc tctgaaaaca gactcctctt 300
ttctgcaatt aatcttttaa ctctaccat ccactgactt gacctcagtc acatgggtcaa 360
ccatgaggga gcggtggatg tcatctgctg cgtcccaccg gtggccttgaa aagctcttgc 420
accagtagag ccattctctt ctttacaggg tattgacaac tttcctccaa gccactgtt 480
ccttgcaag 489

```

<210> 1011

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W51743

<220>

<221> unsure

<222> (1)..(678)

<223> n = a or c or g or t

<400> 1011

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cacaaaaaaa aaatcactaa aaattcccac aaatcttggt tctggcactt tagaaaaact 60
gcaaaaaaat acgtaataaa gaatacatat atatatatct acacacaaat tatatatcta 120
tctatctata cagcgggaacc acaagagaga ctgaggaagg cctggaggca ggggcagagg 180
tgacgacagt gccctatat ccttaaccca tactcctctg aggcaaacag gcatgggaaa 240
atggaagggt tgaggatgga ccggagaatt ggaacttcag aatagggtcaa aattccaaaa 300
ccatggacat ttttttttgg gagaattgag attgtagaca tttttttttt cttaaatatg 360
atcaaggaaa atagcttcca gaatgtggtg gttctgggca acaaatgaga ttgtggcgac 420
gtggagatta aaatatatgt atttgagctg ggggaatttg atattgtgag tttcagatgt 480
tggaattttg ggatttttgc gttttgtctt ttgaaaatga tcaagtcttg tcagttcgtg 540
ccctctttcc ccatgttccc tgggaagacg ggtgggtggca gagtgagaag gccactggtc 600
tgtgccgcac acgcaaaatt tagaatctcc agctagctct atcgtgtgag gnccagatta 660
gggaantgcc atattacc 678

```

<210> 1012

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52065

<220>

<221> unsure

<222> (1) .. (453)

<223> n = a or c or g or t

<400> 1012

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tttttttttt ttttttcaga ggtcaaatac cttttattct ttaaggattc agtgtaacat 60
ccttttcttt aataaaataa ttaaacactg gcagaaatta acttattcaa aaagtcatac 120
taatactttg ttatgacttt ttatagaaaa acaaacttta tttttttatt tttttgagat 180
ggagtcttgc tctgtcacct aggctggagc gcaatggcac gatctcagct cactgtagcc 240
tccacctccc aggttcaagc gattccccctg ccttagcctc ccgagtagct ggaattacag 300
gtgtgcgcta ccatgcctgg gctaattttt gtatttttag tagagatggg gtttcaccat 360
gttggaagg ctggtttcga actcctgacc tcagggtgat tcacccgcct tggcctcca 420
aagtggctgg gattataggc gtgacagcct gna 453
```

<210> 1013

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52493

<220>

<221> unsure

<222> (1) .. (618)

<223> n = a or c or g or t

<400> 1013

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acttcgggaa cagcgtgtga catacaanat tacaatanac tgattagctg tagactaata 60
aaacatttaa gacttcacac acacacacac acacacacac acacacacac acacacacac 120
acacacacac acacacaatg attggagggc tatatgatcc agcattagct tcctgggtgtg 180
ccaagcatgc ttgatccggg aatttttttt tattattatt attttttagc tgtagctgaa 240
ggcatttctc ggatgtggag aggagaatgg aaatcgcaga accaaatcag tttgccctgc 300
catatttggc tgtggtctgt cattgggcat ttctgatgtg cttttctgga ttcaggaaga 360
gctgattgtc ctccgagggt ttgaaaaaaa aaaacagttt cagaaacctg aatccagggc 420
cttatagttc tcctcattat ctatcttctt ctcccttccc tcgccaagg ggagtggggg 480
gaaacacttt tcaactgcaga gtttgcttta aagtttttcc cancttgctg gcattatccc 540
ntgatattaa aattaatttc tcagtttaat ccacnctgc tgagaaantg gtgtgagatt 600
aggcngtggg gggtttttt 618
```

<210> 1014

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52638

<220>

<221> unsure

<222> (1) .. (466)

<223> n = a or c or g or t

<400> 1014

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gagtttaagg cctttccgac caccttgtgt tcccccttcc tgcgcaccat gtatcacgtg 120
gagttgctcc ttaccacacc tcacgtgccc ctgagcccta tttcctgatt tcttctgggc 180
tggaactccc cggttctccac cagcagctcc agtatcccaa actttctagt cctgctgate 240
ctcccagcaa cggggtggaa actggagggc agtgtctggt ctgttttcta agaaacttat 300
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gaattctatt atctttacaa atatgagaaa attttttcaa ttttttttat taatcttttt 360
ataaaatgaa aagaaactcc tatgatcgat taaggaaggt ggttatggct gggggttca. 420
gggggttttt tgggtttcnt tttttttttt cnttgcctt ttaacg 466

<210> 1015

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52858

<400> 1015

cacggccaaa atccataaag attataaaaag caaactaagt tgtgaagcta tagtacatgt 60
aggcatttag ttaagtatag caattcaaac tgacctgcat ccatccaaaa caaattcctc 120
cttcaacctt atttttactt gaaatttgct agaagaaata gcaaaccgga aatttggttt 180
atgcatgagt taataccact ggctcagcaa atacaagtta gtttgcttta agcaggtaac 240
tttttttgta atggaacgaa atgcactaca aagttaagac agatttttgc taagtgcagg 300
aggcccttta ttattgctgc agaaaacaaa agcctggctg agttgatgtt ttacattctc 360
ccttactgaa atctacatga catgatgctt cttgctgggt ttttgtagat ggtaaacatt 420
ggtcaagctg tgaaagaaaa tgggctggag gtgtgctttg gtgtggaaag ggtgagcaat 480
aaaggtatcc ggttaagttc cccaaaaaaa a 511

<210> 1016

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W56792

<400> 1016

catcattttt tattgtaaga aaatacacag tttgaaagtg tgaataatgc aatattttatg 60
accaagaaat gggacttagg aaggggaagg aagataaaga aaaagatcaa gatgatctga 120
ttgagagaca gtgttgaact ccaataactg aactggaaaa ggaggagggt ggggaggaac 180
aggaggagga agtaaaaaaa tttgatcaga gaaacagtta aaatacaata tgaaaataag 240
taatacctct ccttaaatte cttctatata caaaatacac gatttgccaa agcccaattt 300
gtgctactgg gattctgtga gctccttaag tgtattcaca tcctctgcaa cagcagaaaa 360
tgattatgat acaatcagaa tatgctgaag acaagttaaa ctcttgccag caggttcctt 420
aaaaat 426

<210> 1017

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W57931

<220>

<221> unsure

<222> (1) .. (426)

<223> n = a or c or g or t

<400> 1017

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gtgaagcccc tttggttnta agagcatttt cctgcttcct ttgttcttcc tgcaacttct 120
gctgcctgag ctgccatgct tgtaatccag cgtccatttc ctgtgacagc agtacaactc 180
gtcttgcaaa cgtctccctt tcagcttttc ttcgaagctg gcctttcatt gggggagcag 240
ggcggccatc cgattatgac cagtctggga gctcggtaag gggcccgtaa gccgganggg 300
ttggcagcca agtccctgct gtantcgcca ctggccgccc gcccaagcgg ttacnttgca 360
gtgcaccctt ccggacacct gtgaagagaa cagtccctaa agcagccatg tgagcagcct 420

cgtgcc

426

<210> 1018
<211> 98
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60186

<400> 1018
aacttacaaa caaaaataacc gtaataataa acccaaacaa agaccctcag cttgctgcca 60
cgttctctat gcggtttggc ggggcgggta tttacaag 98

<210> 1019
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60649

<220>
<221> unsure
<222> (1) .. (551)
<223> n = a or c or g or t

<400> 1019
tggggcccaa tggcgatggt aataaataca taaaatttta aagatctgga tttccaaggc 60
acaagagttt aacacaggcc aggctgggtc tcacaggaat gactccacgt gtgccccagc 120
atcccaggga ggggagggca acagggggag ggcgggggag cccanggacc tccactctcc 180
aaagggggtg caggccaggg ccnactactc atgttcctcc aggctggctc agaacagccc 240
ctttgccttg gggaaggaag aagtgagaag cacctctatc acctggcagg agtttaggag 300
acatcctcca agaccccgga ggtgtcctgg gaccccctgc cacttcctga gagccagagg 360
atcttaagac tnttacctgt ccctttggag gtagcatggc cggcagctga gcacagctca 420
ggccctttac agcaccgtgg ggtgaagtgt gtcttcccca ctccagcacc aagccaaggg 480
nttggcacc tgccttgggg naatttggcc tnggtggccc ttgtcatttc caaggccaag 540
ctatgaatgg a 551

<210> 1020
<211> 597
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W63793

<220>
<221> unsure
<222> (1) .. (597)
<223> n = a or c or g or t

<400> 1020
ggaactgaga aaacagcaaa gttgactaaa ttttatattt cttgtcctct aaatattttg 60
ataatttctg gattgatgca gtgatgtttt tgttccttcc gtattttataa atgaaacacc 120
tttttttagt gtttctaaac ctaaaatcta cttggtttga aatcaagtgg ttggaacact 180
gtttgacttt tatttgaagc atgttggtga ttgaaaattt cattgaggaa gttttcaatc 240
agtgtgatca gtttgattct gtaatgagca cagcacctaa tattttgagg agctctgttt 300
tgaggacca tgcttaaggt ggactttggt cgtaaacaat atcccaatag atttggtgac 360
ttgaggtctg gtttggtttt gtttttggtt tgttttggtt tgttttggtt ccaatagaat 420
taagaattct aatgttgaaa aactgcacaa atttttatgg gacaaagcct agaaaagaga 480
aatgtagttt gaatcataac caaaaccacg gatgatagaa gagggaaagt ttggggccat 540

aattttctcct tcaactgggtgt tgacctaaac cggttggaag gaattccggn cccaatt 597

<210> 1021
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W67225

<400> 1021
ttttgtgttc caataaaatt ttattaacaa aatatgacag tggggggggcc acagtttgcc 60
aaacttttgcc ttggaggaca tgcagaggca ccctcagaat tcagtgaata cctgctccca 120
tattgctaag actcatgaag tataatctct catcttcttt ctctttcccc tgcccaagcc 180
ctaagttagg gttcccatcc atataacaaa gacttctggt caggtggcat ttgctatctc 240
tgagattccc tgcccatgaa agccacaaa agattttcttc ttttacacac cctgaagcat 300
attatggccc cagcaaggct aactaaatca aactgtggtt taaaaacaaa acaaaccaac 360
cactgtgaaa tatttatttt tgttttgtag tattaagcat gattaaacca gtgcagaaaa 420
atactaagta cattgggtaa aagatga 447

<210> 1022
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W67577

<220>
<221> unsure
<222> (1)..(411)
<223> n = a or c or g or t

<400> 1022
ctaattacta cctttttattc taatgtgaac catgggccct ggaaagctga taacaagctt 60
ggctgagcag aggggaactag gggtcaggca gaaaggatta tgggntggaa aacattggct 120
cttccttggt nagtggatgc tngggaaagg ggaagagagt ggctcancct ggcaggtaaa 180
taggctagaa aagccaaggc caaanctggn gaggggagag gacagtcagc atgtccagcc 240
tgggggtctg gtgtaagggt tateccttct ccttggtgcc tttccatctc gtccatgagc 300
ctaaggtctt gggagccttg tggtgggagg ctgctgtgat gtcagggaac ggggatctgt 360
ctagcttttg gccacttcct ggggacctca caccctgtt tganaaattg g 411

<210> 1023
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W69302

<400> 1023
gctttcggtg gttccttggt gactgggaat tgcttgtgtg catgtgttgg gtgcatgctt 60
ccgggtctca gctgccccag gcccgcacag gcaaccctt cccatccaaa gccattgggtg 120
gagcttctct ggaatcattt gccaaaagcc caaggcagaa tccaagggtc caagaccatt 180
tccatggagc tcatgttttt cttttctgta ggaacttttt tttaaccagc acccaccata 240
attecgaagc cacgtttcat ctttcctgga tcaactacag gaagtattac acgttgtaca 300
cggtcccagt ctggccttgg cttgctcgga taaaactttg tatgtatttt gtatggcata 360
gattctatat tgtaatgatg tcctatgcaa aaagagaaat taacgaaatt gtaaatttta 420
ttgttttaac gtgtatgcat gtttagtgac gtttacattt tgaaataaaa ttt 473

<210> 1024
<211> 128

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70131

<400> 1024
gtttttttgac ttcattttatt atataaggaa cctaactcaa attggcttaa gcaattaata 60
aatgttttatt gttacattgt tgtaatgtgg ctggaaatcc agaagtcata caaatctgtc 120
aggattgg 128

<210> 1025
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70167

<220>
<221> unsure
<222> (1) .. (428)
<223> n = a or c or g or t

<400> 1025
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agtgagaagg tccgctccac taatctcaac tgctcagtga ttgcggacgt gaggcacgac 120
ggctccgagc cctgcgtcgg acgtgctgtt cggagacggg catcgctcga ttatgcgcgg 180
cgtcatctca ccgctctgga aatgctcacc gccttcgcct cccacatccg ggccagggac 240
gcggcgggca gcgggggacaa gccggggcgt gatactggtc gctgacagcg ccaaagagac 300
caacaagatg atttttagcgt ggactaggac acttaaccta agaagagttt cacttaatca 360
ttcaaatac tatctgaagg gtcacggagc gcaaaataaa gtttaaaacc ctgctaccaa 420
aaaaaaaa 428

<210> 1026
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W73038

<400> 1026
tttttttttt ttttttataaa atcagatggg gactttattg tgatgggtggc aggtccacca 60
gcagatgcaa atgtggggtg ctgagagtgg caacacaggc caccctaaac caacttcact 120
ccctcccttg tcctcagcca gtacagaagc caaatgtagc ccagcccta gactccagcc 180
caggcagagt ccaagggagg ggtgtcaggg tcagaagtca caggagagccc agtgactatc 240
aagggtggctg agagcaaggc tagggtaggg atggggcaga gaaagggcag ggggtgcagc 300
ccagggtggcc caaagcaaca cagaggagca agggctggca ttcaagtcag caggtcct 359

<210> 1027
<211> 620
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W73790

<220>
<221> unsure
<222> (1) .. (620)
<223> n = a or c or g or t

<400> 1027
ctggttgaca aagagggtat ttattgaggg tttactgggt acanggagaa gggctggatg 60
gcttgggatg cagagagaga cccttcccct gggatcctgc agctccaggc ccctttgggt 120
ggggtcgggg ctgggaacct atgaacattc tgcagggggc accgtcttct ccacgggtgct 180
cccttcgtgc atgacctggc agctgtagct tctgcgggac ctccactgct cgggcgtcag 240
gctcaggtag ctgctggccg cgtacttggt gttgctctgt ttggagggcg tggatcatctc 300
cacgccctgg gtgatggggg taccatctgc cttccaggtc accgtcaaga ttcccggata 360
aaagtcattc atgagacaca ccagtgtagc cttgttggtc tggagctcct cagaggacgg 420
cgggaacaga gtgaccgagg ggggtggcctt ggntgactta aaacgggtgag ctgggtcccg 480
ctgccaaaca catgcgtcac tgagttatgc ttggattgaa accccggggc cancacttgg 540
ggcagtcacg gagccgcctt gaacaggaac ctgcccaccg gttcctaagc ttgaccgctg 600
nttctccagg gtccaggncc 620

<210> 1028
<211> 697
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W73859

<220>
<221> unsure
<222> (1) .. (697)
<223> n = a or c or g or t

<400> 1028
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acaaatacga gaacgggtac attcaccogg tcaacctgac gtggcccttt atggtggccg 120
ggaaaccgga gagtgacctg aaagaagtgg tgaccgagcg ccgcttatgt ggaaccaccg 180
cgctctgacc ttggaggtgc gagtctggga aaggcgcgct cccgggggga ngcgcnct 240
gggaaggcga cccctgccct cagtgtctct tgtctctgct tccccctcgc aatgctctc 300
tctctgtccc accccgagag aacactttac aacgacgagg agattcgttt ccaaaccaga 360
ggagatcaat tgtacttaca aagattccca tctatttaac tttattaact tctaccgtga 420
atgactctgc aagccttgct ggtccaagtg caatatgtaa ttataaatat ataaatagat 480
aagagcctat caatgtatct tttgtacaat atgttgtaaa atgtagatca taggatagct 540
gactttgaca gtcacattta taaagtaatt cacttaaaga tatatatatt tccaacaagt 600
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<210> 1029
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<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W74533

<220>
<221> unsure
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<223> n = a or c or g or t

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cttaaaatac ctggctggca tctcttttct ttgtaacaaa taattcactt tagtatactc 480
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 acttttttac accagagaac cacaggtaaa gagcactctt caagcagagt tgagggactg 600
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<210> 1030

<211> 496

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W76181

<220>

<221> unsure

<222> (1) .. (487)

<223> n = a or c or g or t

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 ctattcctca taaagcttgt gctgtaaaat actttctcag ggtgttcttg tcctcatcta 420
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<210> 1031

<211> 315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W78127

<400> 1031

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<210> 1032

<211> 556

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W80509

<220>

<221> unsure

<222> (1) .. (556)

<223> n = a or c or g or t

<400> 1032

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ggtgccatcg cactcagcag acaagggtgag tgaccccagc ccagccctcc cttgtcccgg 480
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gnaaagcaag cccttg 556

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<210> 1033

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86513

<220>

<221> unsure

<222> (1)..(418)

<223> n = a or c or g or t

<400> 1033

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caagcatcat agtatgacaa agagagtaac aagagctgtg caggccagca catccagaga 360
gcagtactga aaccagggtga gcttgtgggc aggtngcagc aggtacttgg gctccatt 418

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<210> 1034

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86660

<220>

<221> unsure

<222> (1)..(411)

<223> n = a or c or g or t

<400> 1034

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acagacactg gaaaaggagt tggctggtag actccccatc atcatnagca gctctctnct 360
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<210> 1035

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88568

<400> 1035

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aacatgaatt ctggtcctca gagaagctga cattgtttcc ctgaacatc ccggtggtctc 180
cctctgaaag ccgatgacca tccaacctg actcacctga aatatactac gagcatcgcc 240
ctccgagact gacgattatt aacca 265
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<210> 1036

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W92207

<220>

<221> unsure

<222> (1) .. (395)

<223> n = a or c or g or t

<400> 1036

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<210> 1037

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W92449

<400> 1037

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aaggcactcg cgagggggac ttcaagcccc tcttctatit cttcatataa aatcaggggg 180
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g 241
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<210> 1038

<211> 571

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W93396

<220>

<221> unsure

<222> (1) .. (571)

<223> n = a or c or g or t

<400> 1038

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acggttgacg tagctgacta gtcagtggct tcagcaacac acattttatt tcctataagc 240
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aggggaggat ctgtgtccct cttaccattt ctaggatccg ctgcaccctt tggctcagge 360
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<210> 1039

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W94333

<400> 1039

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<210> 1040

<211> 1761

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X00351

<400> 1040

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tgaataaaag tgcacacctt a 1761

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<210> 1041
 <211> 3768
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. X00371

<400> 1041

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<210> 1042

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X02544

<400> 1042

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<210> 1043

<211> 14646

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X03100

<220>

<221> unsure

<222> (1) .. (14646)

<223> n = a or c or g or t

<400> 1043

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X14046

<400> 1057

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<223> Genbank Accession No. X14830

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<211> 2757

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X16316

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<213> Homo sapiens

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<223> Genbank Accession No. X16354

<400> 1060

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<213> Homo sapiens

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<223> Genbank Accession No. X52541

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X60673

<400> 1072

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X63741

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<223> Genbank Accession No. X72841

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<223> Genbank Accession No. X96584

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X99142

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<221> unsure

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<223> Genbank Accession No. Z38785

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<212> DNA
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<212> DNA
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<212> DNA
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<223> Genbank Accession No. Z40012

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<212> DNA
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<220>
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cgctggtgta aatg 254

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<212> DNA
<213> Homo sapiens

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<223> Genbank Accession No. Z40332

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<221> unsure
<222> (1)..(327)
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<210> 1117

<211> 292

<212> DNA

<213> Homo sapiens

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<210> 1118

<211> 270

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<221> unsure

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<223> n = a or c or g or t

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<211> 324

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z41763

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<211> 1569

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z48501

<400> 1121

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<211> 5086

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No.. Z74616

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<221> unsure

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